					ST DEPARTMENT DIVISION C		AL RE				AMENDED R	FORM 3 EPORT			
		APPLI	CATION	FOR	PERMIT TO DRIL	L			1. WELL I	NAME and N Chapita	UMBER Wells Unit 15	541-26D			
2. TYPE OF		L NEW WELL (📵)	DEENTI	ED DQ	A WELL ( DEEPI	EN WELL			3. FIELD	OR WILDCA	T TURAL BUTTI	=9			
4. TYPE OF						LIN WLLL			5. UNIT o	r COMMUNI	TIZATION A	GREEME	NT NAME		
6. NAME O	F OPERATOR	Gas We	ell (	Coalbe	ed Methane Well: NO				7. OPERA	TOR PHONE	HAPITA WELL	S			
8. ADDRES	S OF OPERATOR	₹	EOG F	Resour	rces, Inc.				435 781-9111  9. OPERATOR E-MAIL						
		600 17th 9	Street, Suit	e 100	0 N, Denver, CO, 8020				kaylene_gardner@eogresources.com  12. SURFACE OWNERSHIP						
	AL LEASE NUME INDIAN, OR ST				11. MINERAL OWNI	ATT-1	STATE	FEE (	FEDERAL	ATTEN TO SERVICE STATE OF THE PARTY OF THE P	ATT-1	ATE	FEE (		
13. NAME (		NER (if box 12	= 'fee')						14. SURF	ACE OWNER	PHONE (if	oox 12 =	'fee')		
15. ADDRE	SS OF SURFACE	OWNER (if box	12 = 'fee	')					16. SURF	ACE OWNER	E-MAIL (if	box 12 =	'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME 18. INTEND TO COMMINGLE PRODUCTION FROM									19. SLAN	т					
	= 'INDIAN')				YES (Submit C	<b>IONS</b> Commingling <i>l</i>	Applica	ition) NO 📵	VERTICAL	. DIRE	CTIONAL 📵	HORIZ	ONTAL		
20. LOCAT	TION OF WELL			FO	OTAGES	QTR-QT	ΓR	SECTION	том	NSHIP	RANGE		MERIDIAN		
LOCATION	N AT SURFACE		4	147 FN	IL 511 FEL	NENE		26	9.	0 S	22.0 E		S		
Top of Up	permost Produc	ing Zone	2	248 FN	IL 351 FEL	NENE		26	9.	0 S	22.0 E		S		
At Total D	epth		2	248 FN	IL 351 FEL	NENE	NENE 26		9.	0 S	22.0 E		S		
21. COUNT		NTAH			22. DISTANCE TO N	IEAREST LEA 248	SE LII	NE (Feet)	23. NUME	BER OF ACRI	ES IN DRILL 1800	ING UNI	Т		
					25. DISTANCE TO N (Applied For Drilling			SAME POOL	26. PROP	OSED DEPT		9350			
27. ELEVA	TION - GROUND	LEVEL			28. BOND NUMBER 29. SOURCE OF DRILLING WATER /										
	į	5015				NM2308			WATER R	IGHTS APPI	ROVAL NUMI 49-225	BER IF AI	PPLICABLE		
					Hole, Casing,	and Ceme	nt In	formation							
String	Hole Size	Casing Size	Ler	ngth	Weight G	Grade & Th	read	Max Mud	Wt.	Cement	Sacks	Yield	Weight		
SURF	12.25	9.625	0 -	2300	36.0	J-55 ST8	ķС	10.5			150	3.82	11.0		
									Class		135	1.18	15.6		
PROD	7.875	4.5	0 -	9364	11.6	L-80 LT8	kC	10.5		Hi Lift "G"	130	3.91	11.0		
										50/50 Poz	910	1.28	14.1		
					A	TTACHMEN	ITS								
	VERIFY THE	FOLLOWING	ARE ATT	ACHI	ED IN ACCORDAN	ICE WITH 1	THE U	ITAH OIL AND (	GAS CON	SERVATIO	N GENERA	L RULES	S		
<b>⊯</b> WEI	LL PLAT OR MAF	PREPARED BY	LICENSED	SUR	VEYOR OR ENGINEE	R 🗾	cor	MPLETE DRILLING	G PLAN						
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) FORM 5. IF OPERA									R IS OTHE	R THAN THE	LEASE OWI	NER			
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY TOPOGRAPHICA									P						
NAME Mickenzie Gates TITLE Operations Clerk PHONE 435 781-9145															
SIGNATU	RE			DAT	<b>E</b> 06/24/2011		$\neg$	EMAIL mickenzie_	_gates@eog	resources.co	m				
	BER ASSIGNED 1751742000	00		АРР	ROVAL			Box	Q Q Q Q Q	ll					
								Perm	it Manager						



## DRILLING PLAN MULTI-WELL PAD:

## CWU 1541-26D, CWU 1542-26D, CWU 1543-26D, CWU 1544-26D, CWU 1545-26D, CWU 1546-26D

NE/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

## 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

	CWU 1	1541-26D	CWU 1	542-26D	CWU 1	543-26D	CWU 1	544-26D
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1540	1546	1514	1528.	1517	1532	1520	1536
Birdsnest	1754	1762	1730	1750	1717	1735	1716	1743
Mahogany Oil Shale Bed	2296	2307	2281	2315	2276	2304	2268	2327
Wasatch	4653	4667	4625	4677	4617	4661	4600	4705
Chapita Wells	5241	5255	5215	5268	5208	5252	5193	5298
Buck Canyon	5903	5916	5870	5923	5852	5896	5812	5917
North Horn	6608	6622	6586	6639	6587	6632	6593	6698
KMV Price River	6985	6998	6941	6994	6934	6978	6920	7025
KMV Price River Middle	7855	7868	7813	7865	7807	7851	7795	7900
KMV Price River Lower	8636	8650	8602	8654	8596	8640	8586	8691
Sego	9148	9162	9112	9164	9114	9158	9107	9212
TD	9350	9364	9315	9367	9315	9359	9310	9415
ANTICIPATED BHP (PSI)	5105		5086		5086		5083	

	CWU 1	545-26D	CWU 1	546-26D			
FORMATION	TVD	MD	TVD	MD			
Green River	1530	1546	1543	1565	STORES OF THE STORES	AND STATE OF THE S	PROBLES ARRESTS STREET
Birdsnest	1726	1750	1738	1770			
Mahogany Oil Shale Bed	2280	2323	2288	2344			
Wasatch	4623	4691	4641	4732			
Chapita Wells	5213	5281	5229	5320			
Buck Canyon	5852	5921	5886	5977			
North Horn	6594	6662	6595	6686			
KMV Price River	6951	7020	6979	7070	107		
KMV Price River Middle	7821	7889	7843	7933			
KMV Price River Lower	8611	8679	8632	8722			
Sego	9139	9208	9146	9237			
TD	9340	9409	9350	9441			
ANTICIPATED BHP (PSI)	5100		5105		antawanishi (45)	SPATISTER SCHOOL SCHOOL ALSO	CHURC CENTRAL ST

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

1/5

8 point plan-EOG

6/17/2011



#### DRILLING PLAN MULTI-WELL PAD:

CWU 1541-26D, CWU 1542-26D, CWU 1543-26D, CWU 1544-26D, CWU 1545-26D, CWU 1546-26D

NE/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 ¼"	0 - 2,300'±	9 %"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface - TD	4 1/2"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

Note: 12 ¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

#### 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

**Guide Shoe** 

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

#### Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface.  $4-\frac{1}{2}$ ", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of  $2^{nd}$  joint.

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

0' - 2300'±

Air/Air mist/Aerated water

01

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

8 point plan-EOG

2/5

6/17/2011



#### DRILLING PLAN MULTI-WELL PAD: CWU 1541-26D, CWU 1542-26D, CWU 1543-26D, CWU 1544-26D, CWU 1545-26D, CWU 1546-26D NE/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5-10.5 ppg depending on actul wellbore conditions encountered while drilling.

2300'± - TD

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- o EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

#### 8. EVALUATION PROGRAM:

Logs:

None

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Gamma Ray

3/5

6/17/2011



## DRILLING PLAN MULTI-WELL PAD:

## CWU 1541-26D, CWU 1542-26D, CWU 1543-26D, CWU 1544-26D, CWU 1545-26D, CWU 1546-26D

NE/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 9. CEMENT PROGRAM:

#### Surface Hole Procedure (Surface - 2300'±):

Lead:

150 sks

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>,

3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail:

135 sks

Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk.,

5.2 gps water.

**Top Out:** 

As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6

ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

Note:

The above number of sacks is based on gauge-hole calculation

Lead volume to be calculated to bring cement to surface.

Tail volume to be calculated to bring cement to 500' above the shoe.

#### Production Hole Procedure (2300'± - TD)

Lead:

130 sks:

Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

Tail:

910 sks:

50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant),

mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

8 point plan-EOG

4/5

6/17/2011



# DRILLING PLAN MULTI-WELL PAD: CWU 1541-26D, CWU 1542-26D, CWU 1543-26D, CWU 1544-26D, CWU 1545-26D, CWU 1546-26D NE/NE, SEC. 26, T9S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 10. ABNORMAL CONDITIONS:

#### Surface Hole (Surface - 2300'±):

Lost circulation

#### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

#### 13. Air Drilling Operations:

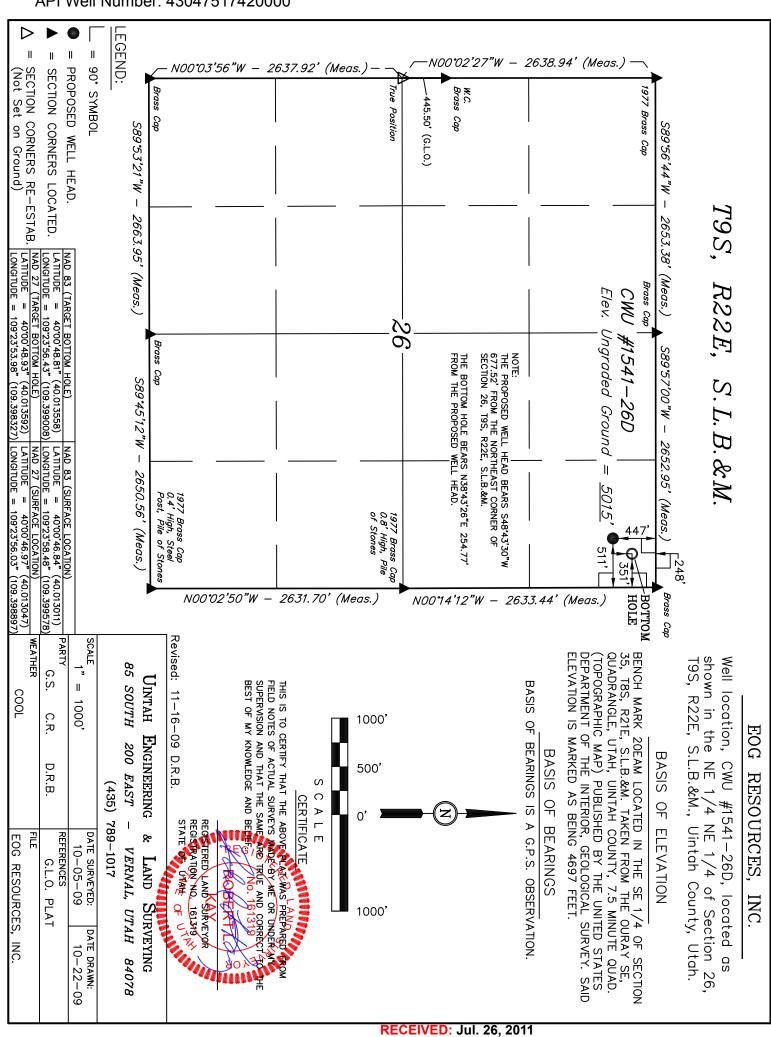
- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

8 point plan-EOG

5/5

6/17/2011



## EOG RESOURCES, INC.

CWU #1541-26D, #1542-26D, #1543-26D, #1544-26D, #1545-26D & 1546-26D LOCATED IN UINTAH COUNTY, UTAH SECTION 26, T9S, R22E, S.L.B.&M.

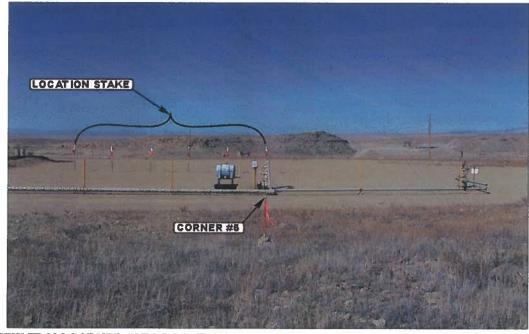


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

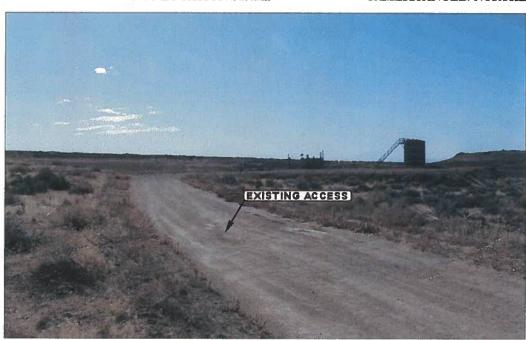
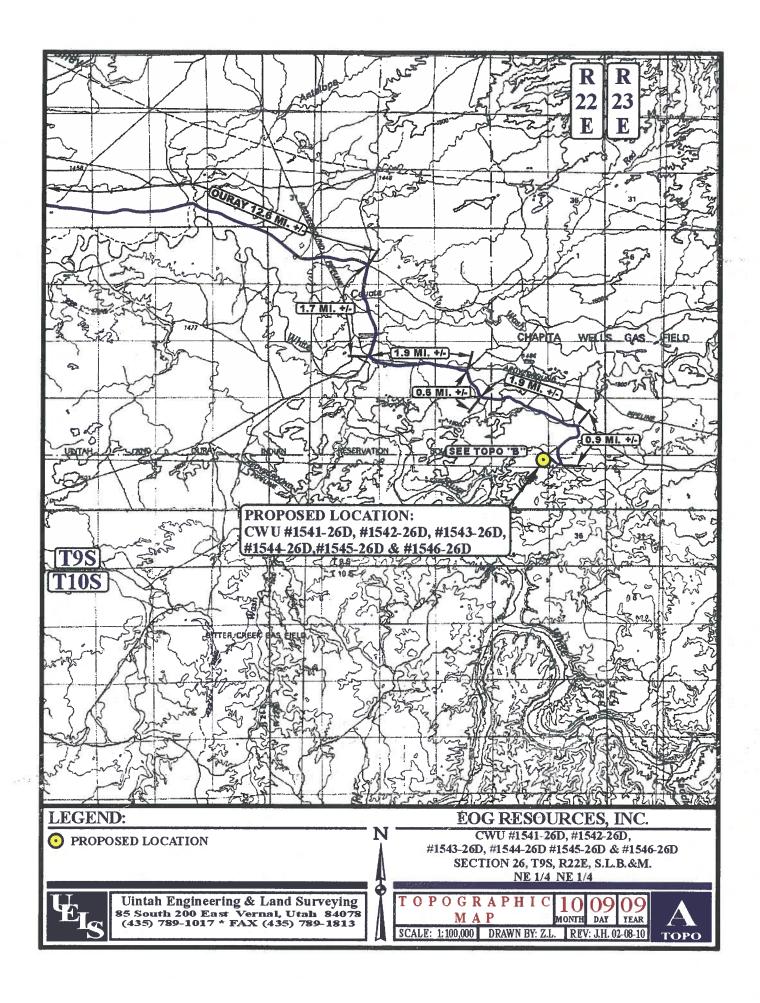


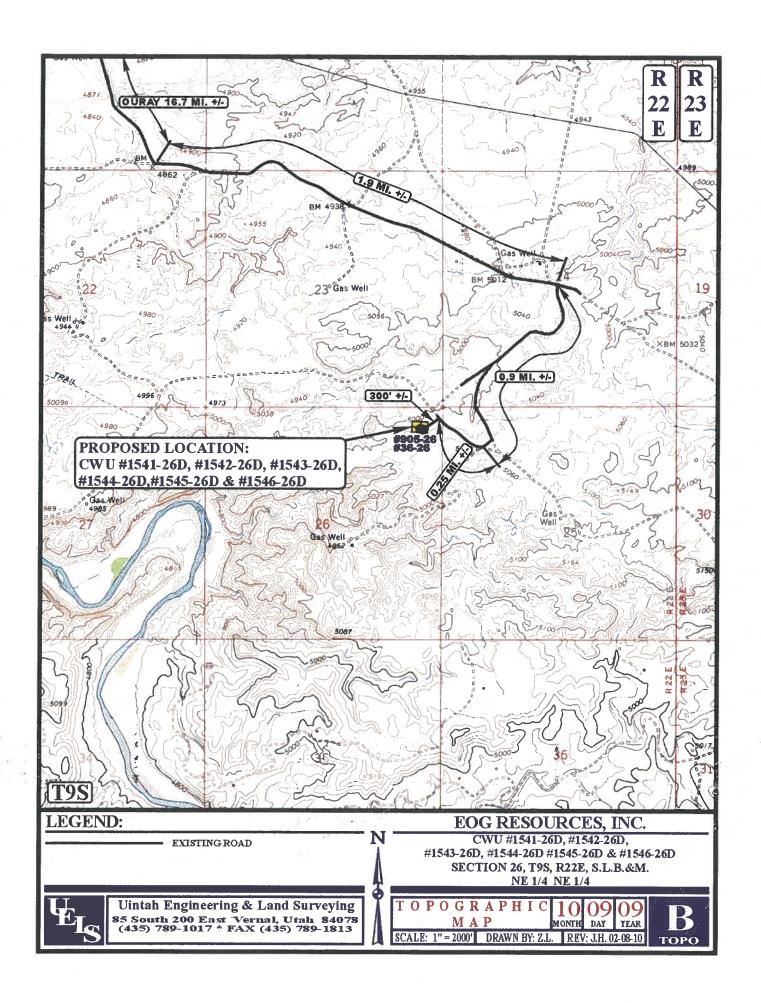
PHOTO: VIEW OF EXISTING ACCESS

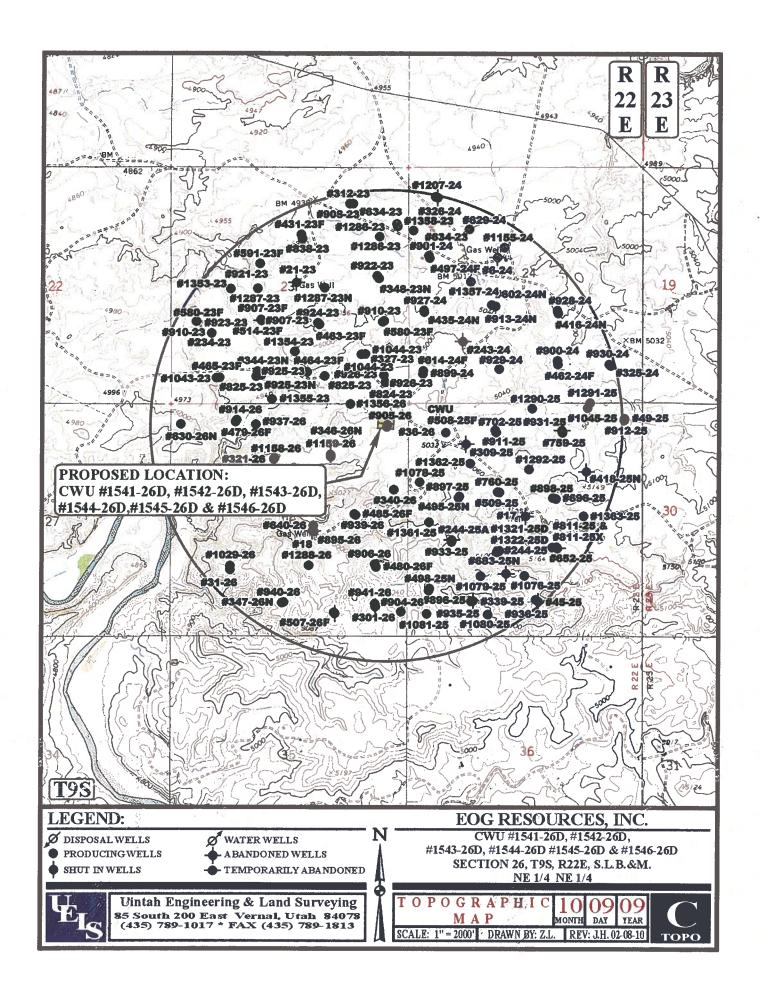
CAMERA ANGLE: SOUTHWESTERLY

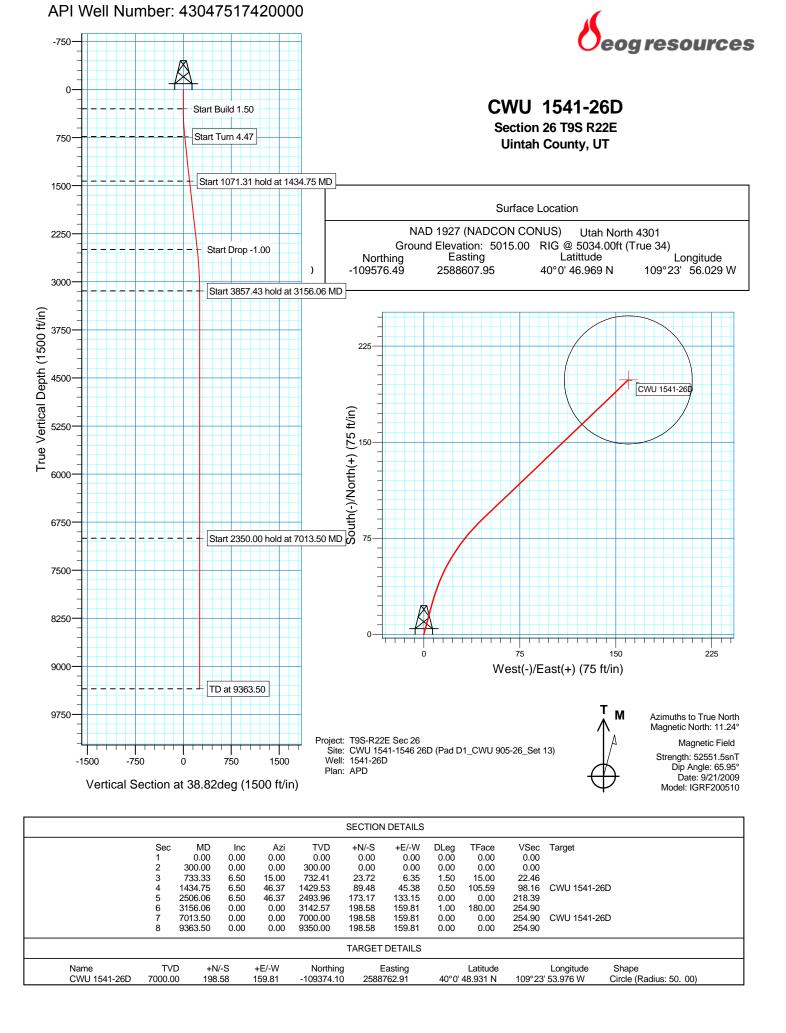


Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 \* FAX (435) 789-1813 LOCATION PHOTOS 10 09 09 PHOTO TAKEN BY: GS. DRAWN BY: Z.L. REV: J.H. 02-08-10









## **Denver Division - Utah**

T9S-R22E Sec 26 CWU 1541-1546 26D (Pad D1\_CWU 905-26\_Set 13) 1541-26D Wellbore #1

Plan: APD

## **Standard Planning Report**

**21 September, 2010** 

#### **EOG RESOURCES INC.**

Planning Report

**EDM** Database:

Denver Division - Utah Company: T9S-R22E Sec 26 Project:

CWU 1541-1546 26D (Pad D1\_CWU 905-26\_Se Site:

Well: 1541-26D Wellbore #1 Wellbore: APD Design:

Local Co-ordinate Reference:

**TVD Reference:** MD Reference:

North Reference:

**Survey Calculation Method:** 

Well 1541-26D

RIG @ 5034.00ft (True 34) RIG @ 5034.00ft (True 34)

True

Minimum Curvature

**Project** T9S-R22E Sec 26

US State Plane 1927 (Exact solution) Map System:

NAD 1927 (NADCON CONUS) Geo Datum:

Map Zone:

Utah North 4301

System Datum:

Mean Sea Level

Site CWU 1541-1546 26D (Pad D1\_CWU 905-26\_Set 13)

Northing: -109,625.48ft 40° 0' 46.480 N Site Position: Latitude: 109° 23' 55.748 W From: Lat/Long Easting: 2,588,631.00ft Longitude: 0.00 ft 1.39 deg **Position Uncertainty: Slot Radius: Grid Convergence:** 

Well 1541-26D

**Well Position** +N/-S 0.00 ft Northing: -109,576.49 ft Latitude: 40° 0' 46.969 N +E/-W 0.00 ft Easting: 2,588,607.95 ft Longitude: 109° 23' 56.029 W 0.00 ft Wellhead Elevation: ft 5,015.00ft **Position Uncertainty Ground Level:** 

Wellbore #1 Wellbore Declination **Magnetics Model Name** Sample Date Dip Angle Field Strength (deg) (deg) IGRF200510 9/21/2009 11.24 65.95 52,552

Design APD

**Audit Notes:** 

0.00 **PROTOTYPE** Version: Phase: Tie On Depth: Vertical Section: Depth From (TVD) Direction +N/-S +E/-W (ft) (ft) (ft) (deg) 0.00 0.00 0.00 38.82

Plan Section	ıs									
Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (deg)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
733.33	6.50	15.00	732.41	23.72	6.35	1.50	1.50	0.00	15.00	
1,434.75	6.50	46.37	1,429.53	89.48	45.38	0.50	0.00	4.47	105.59	CWU 1541-26D
2,506.06	6.50	46.37	2,493.96	173.17	133.15	0.00	0.00	0.00	0.00	
3,156.06	0.00	0.00	3,142.57	198.58	159.81	1.00	-1.00	0.00	180.00	
7,013.50	0.00	0.00	7,000.00	198.58	159.81	0.00	0.00	0.00	0.00	CWU 1541-26D
9,363.50	0.00	0.00	9,350.00	198.58	159.81	0.00	0.00	0.00	0.00	

#### **EOG RESOURCES INC.**

**Planning Report** 

Database: EDM

Company: Denver Division - Utah Project: T9S-R22E Sec 26

Site: CWU 1541-1546 26D (Pad D1\_CWU 905-26\_Se

Well: 1541-26D Wellbore: Wellbore #1 Design: APD Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well 1541-26D

RIG @ 5034.00ft (True 34) RIG @ 5034.00ft (True 34)

True

Minimum Curvature

esign: Ar	טי								
anned Survey									
Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	1.50	15.00	399.99	1.26	0.34	1.20	1.50	1.50	0.00
500.00	3.00	15.00	499.91	5.06	1.35	4.79	1.50	1.50	0.00
600.00	4.50	15.00	599.69	11.37	3.05	10.77	1.50	1.50	0.00
700.00	6.00	15.00	699.27	20.21	5.42	19.14	1.50	1.50	0.00
733.33	6.50	15.00	732.41	23.72	6.35	22.46	1.50	1.50	0.00
800.00	6.42	17.87	798.65	30.91	8.48	29.39	0.50	-0.12	4.31
900.00	6.33	22.30	898.03	41.33	12.28	39.90	0.50	-0.09	4.43
1,000.00	6.27	26.83	997.43	51.30	16.84	50.52	0.50	-0.05	4.53
1,100.00	6.26	31.41	1,096.83	60.83	22.15	61.28	0.50	-0.01	4.58
1,200.00	6.29	35.99	1,196.23	69.91	28.21	72.15	0.50	0.03	4.57
1,300.00	6.35	40.49	1,295.63	78.55	35.02	83.15	0.50	0.07	4.50
1,400.00	6.46	44.88	1,395.00	86.74	42.57	94.27	0.50	0.10	4.39
1,434.75	6.50	46.37	1,429.53	89.48	45.38	98.16	0.50	0.13	4.28
1,500.00	6.50	46.37	1,494.36	94.58	50.72	105.48	0.00	0.00	0.00
1,600.00	6.50	46.37	1,593.72	102.39	58.92	116.71	0.00	0.00	0.00
1,700.00	6.50	46.37	1,693.07	110.20	67.11	127.93	0.00	0.00	0.00
1,800.00	6.50	46.37	1,792.43	118.01	75.30	139.15	0.00	0.00	0.00
1,900.00	6.50	46.37	1,891.79	125.83	83.50	150.37	0.00	0.00	0.00
2,000.00	6.50	46.37	1,991.15	133.64	91.69	161.60	0.00	0.00	0.00
2,100.00	6.50	46.37	2,090.50	141.45	99.88	172.82	0.00	0.00	0.00
2,200.00	6.50	46.37	2,189.86	149.26	108.08	184.04	0.00	0.00	0.00
2,300.00	6.50	46.37	2,289.22	157.07	116.27	195.26	0.00	0.00	0.00
2,400.00	6.50	46.37	2,388.58	164.88	124.46	206.49	0.00	0.00	0.00
2,500.00	6.50	46.37	2,487.93	172.70	132.65	217.71	0.00	0.00	0.00
2,506.06	6.50	46.37	2,493.96	173.17	133.15	218.39	0.00	0.00	0.00
2,600.00	5.56	46.37	2,587.37	179.98	140.29	228.17	1.00	-1.00	0.00
2,700.00 2,800.00 2,900.00 3,000.00 3,100.00	4.56 3.56 2.56 1.56 0.56	46.37 46.37 46.37 46.37	2,686.98 2,786.73 2,886.59 2,986.52 3,086.50	186.07 190.95 194.64 197.12 198.40	146.68 151.80 155.67 158.27 159.61	236.92 243.94 249.23 252.79 254.63	1.00 1.00 1.00 1.00 1.00	-1.00 -1.00 -1.00 -1.00 -1.00	0.00 0.00 0.00 0.00 0.00
3,156.06	0.00	0.00	3,142.57	198.58	159.81	254.90	1.00	-1.00	0.00
3,200.00	0.00	0.00	3,186.50	198.58	159.81	254.90	0.00	0.00	0.00
3,300.00	0.00	0.00	3,286.50	198.58	159.81	254.90	0.00	0.00	0.00
3,400.00	0.00	0.00	3,386.50	198.58	159.81	254.90	0.00	0.00	0.00
3,500.00	0.00	0.00	3,486.50	198.58	159.81	254.90	0.00	0.00	0.00
3,600.00	0.00	0.00	3,586.50	198.58	159.81	254.90	0.00	0.00	0.00
3,700.00	0.00	0.00	3,686.50	198.58	159.81	254.90	0.00	0.00	0.00
3,800.00	0.00	0.00	3,786.50	198.58	159.81	254.90	0.00	0.00	0.00
3,900.00	0.00	0.00	3,886.50	198.58	159.81	254.90	0.00	0.00	0.00
4,000.00	0.00	0.00	3,986.50	198.58	159.81	254.90	0.00	0.00	0.00
4,100.00	0.00	0.00	4,086.50	198.58	159.81	254.90	0.00	0.00	0.00
4,200.00	0.00	0.00	4,186.50	198.58	159.81	254.90	0.00	0.00	0.00
4,300.00	0.00	0.00	4,286.50	198.58	159.81	254.90	0.00	0.00	0.00
4,400.00	0.00	0.00	4,386.50	198.58	159.81	254.90	0.00	0.00	0.00
4,500.00	0.00	0.00	4,486.50	198.58	159.81	254.90	0.00	0.00	0.00
4,600.00	0.00	0.00	4,586.50	198.58	159.81	254.90	0.00	0.00	0.00
4,700.00	0.00	0.00	4,686.50	198.58	159.81	254.90	0.00	0.00	0.00
4,800.00	0.00	0.00	4,786.50	198.58	159.81	254.90	0.00	0.00	0.00
4,900.00	0.00	0.00	4,886.50	198.58	159.81	254.90	0.00	0.00	0.00

#### **EOG RESOURCES INC.**

**Planning Report** 

Database: EDM

Company: Denver Division - Utah T9S-R22E Sec 26

Site: CWU 1541-1546 26D (Pad D1\_CWU 905-26\_Se

Well: 1541-26D Wellbore: Wellbore #1 Design: APD Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well 1541-26D

RIG @ 5034.00ft (True 34) RIG @ 5034.00ft (True 34)

True

Minimum Curvature

Planned Survey									
Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.00	0.00	0.00	4,986.50	198.58	159.81	254.90	0.00	0.00	0.00
5,100.00	0.00	0.00	5,086.50	198.58	159.81	254.90	0.00	0.00	0.00
5,200.00	0.00	0.00	5,186.50	198.58	159.81	254.90	0.00	0.00	0.00
5,300.00	0.00	0.00	5,286.50	198.58	159.81	254.90	0.00	0.00	0.00
5,400.00	0.00	0.00	5,386.50	198.58	159.81	254.90	0.00	0.00	0.00
5,500.00	0.00	0.00	5,486.50	198.58	159.81	254.90	0.00	0.00	0.00
5,600.00	0.00	0.00	5,586.50	198.58	159.81	254.90	0.00	0.00	0.00
5,700.00	0.00	0.00	5,686.50	198.58	159.81	254.90	0.00	0.00	0.00
5,800.00	0.00	0.00	5,786.50	198.58	159.81	254.90	0.00	0.00	0.00
5,900.00	0.00	0.00	5,886.50	198.58	159.81	254.90	0.00	0.00	0.00
6,000.00	0.00	0.00	5,986.50	198.58	159.81	254.90	0.00	0.00	0.00
6,100.00	0.00	0.00	6,086.50	198.58	159.81	254.90	0.00	0.00	0.00
6,200.00	0.00	0.00	6,186.50	198.58	159.81	254.90	0.00	0.00	0.00
6,300.00	0.00	0.00	6,286.50	198.58	159.81	254.90	0.00	0.00	0.00
6,400.00	0.00	0.00	6,386.50	198.58	159.81	254.90	0.00	0.00	0.00
6,500.00	0.00	0.00	6,486.50	198.58	159.81	254.90	0.00	0.00	0.00
6,600.00	0.00	0.00	6,586.50	198.58	159.81	254.90	0.00	0.00	0.00
6,700.00	0.00	0.00	6,686.50	198.58	159.81	254.90	0.00	0.00	0.00
6,800.00	0.00	0.00	6,786.50	198.58	159.81	254.90	0.00	0.00	0.00
6,900.00	0.00	0.00	6,886.50	198.58	159.81	254.90	0.00	0.00	0.00
7,000.00	0.00	0.00	6,986.50	198.58	159.81	254.90	0.00	0.00	0.00
7,013.50	0.00	0.00	7,000.00	198.58	159.81	254.90	0.00	0.00	0.00
7,100.00 7,200.00 7,300.00 7,400.00	-26D 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	7,086.50 7,186.50 7,286.50 7,386.50	198.58 198.58 198.58 198.58	159.81 159.81 159.81 159.81	254.90 254.90 254.90 254.90	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
7,500.00	0.00	0.00	7,486.50	198.58	159.81	254.90	0.00	0.00	0.00
7,600.00	0.00	0.00	7,586.50	198.58	159.81	254.90	0.00	0.00	0.00
7,700.00	0.00	0.00	7,686.50	198.58	159.81	254.90	0.00	0.00	0.00
7,800.00	0.00	0.00	7,786.50	198.58	159.81	254.90	0.00	0.00	0.00
7,900.00	0.00	0.00	7,886.50	198.58	159.81	254.90	0.00	0.00	0.00
8,000.00	0.00	0.00	7,986.50	198.58	159.81	254.90	0.00	0.00	0.00
8,100.00	0.00	0.00	8,086.50	198.58	159.81	254.90	0.00	0.00	0.00
8,200.00	0.00	0.00	8,186.50	198.58	159.81	254.90	0.00	0.00	0.00
8,300.00	0.00	0.00	8,286.50	198.58	159.81	254.90	0.00	0.00	0.00
8,400.00	0.00	0.00	8,386.50	198.58	159.81	254.90	0.00	0.00	0.00
8,500.00	0.00	0.00	8,486.50	198.58	159.81	254.90	0.00	0.00	0.00
8,600.00	0.00	0.00	8,586.50	198.58	159.81	254.90	0.00	0.00	0.00
8,700.00	0.00	0.00	8,686.50	198.58	159.81	254.90	0.00	0.00	0.00
8,800.00	0.00	0.00	8,786.50	198.58	159.81	254.90	0.00	0.00	0.00
8,900.00	0.00	0.00	8,886.50	198.58	159.81	254.90	0.00	0.00	0.00
9,000.00	0.00	0.00	8,986.50	198.58	159.81	254.90	0.00	0.00	0.00
9,100.00	0.00	0.00	9,086.50	198.58	159.81	254.90	0.00	0.00	0.00
9,200.00	0.00	0.00	9,186.50	198.58	159.81	254.90	0.00	0.00	0.00
9,300.00	0.00	0.00	9,286.50	198.58	159.81	254.90	0.00	0.00	0.00
9,363.50	0.00	0.00	9,350.00	198.58	159.81	254.90	0.00	0.00	0.00

#### **EOG RESOURCES INC.**

**Planning Report** 

Database: EDM

Company: Denver Division - Utah Project: T9S-R22E Sec 26

Site: CWU 1541-1546 26D (Pad D1\_CWU 905-26\_Se

Well: 1541-26D Wellbore: Wellbore #1 Design: APD Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well 1541-26D

RIG @ 5034.00ft (True 34) RIG @ 5034.00ft (True 34)

True

Minimum Curvature

Targets									
Target Name - hit/miss target - Shape	Dip Angle (deg)	Dip Dir. (deg)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
CWU 1541-26D - plan hits target - Circle (radius 5		0.00	7,000.00	198.58	159.81	-109,374.10	2,588,762.91	40° 0' 48.931 N	109° 23' 53.976 W



## Chapita Wells Unit 1541-26D through 1546-26D Surface Use Plan Section 26, T9S, R22E Uintah County, Utah

EOG Resources, Inc.'s (EOG) conventional oil/gas wells are located approximately 51.3 miles south of Vernal, Utah within Uintah County. This project consists of six (6) new wells to be constructed on the existing well pad for Chapita Wells Unit 905-26, and Chapita Wells Unit 36-26.

The proposed wells are located on federal surface. Title to the oil and gas mineral interest is federally owned and is administered by the Vernal Field Office of the Bureau of Land Management (BLM).

The proposed wells are conventional gas wells producing from the Mesaverde formation. Unproductive drill holes will be plugged and abandoned as soon as evaluation of the production intervals is conclusive.

This project applies to the following new proposed wells.

Well Name & Number	QTR	Section	Township	Range	Total Depth
Chapita Wells Unit 1541-26D	NENE	26	98	22E	Total Beptil
Chapita Wells Unit 1542-26D	NENE	26	98	22E	
Chapita Wells Unit 1543-26D	NENE	26	98	22E	
Chapita Wells Unit 1544-26D	NENE	26	98	22E	
Chapita Wells Unit 1545-26D	NENE	26	98	22E	
Chapita Wells Unit 1546-26D	NENE	26	98	22E	

The proposed action is to directionally drill five conventional gas wells to the Mesaverde formation.

The proposed action involves:

Activity	Length (ft)	Width (ft)	Acres of Disturbance
Existing Disturbance	270	180	2.469
New Disturbance	300	70	0.48
Cut/fills & Topsoil/spoil stockpile	Varies	Varies	0.70
Access Road	Existing	Existing	0
Total New Disturbance			0.48

EOG will build each pad to accommodate up to six wells. The acres of disturbance provided above are the maximum disturbance expected for each pad.

The proposed well locations require the construction of six (6) engineered (cut & fill) well pads. The total surface disturbance associated with the construction of these locations is approximately 2.95 acres. This figure includes disturbance associated with the well pads, the spoil and topsoils storage areas, and the construction equipment and vehicle disturbance.

#### 1. EXISTING ROADS:

Refer to Sheet # 4 and Sheet # 5 for location of existing access roads.

The proposed locations are approximately 50.8 miles from Vernal, Utah.

Directions to the proposed locations are provided on the front page of the location plats.

The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations. Maintenance of the roads to the proposed locations will continue until abandonment and reclamation of the wells.

A federal road right of way is not required, Uintah County roads and authorized Unit roads will be used to access the proposed well site.

#### 2. Access Roads to be Constructed:

No new roads will be required to access the proposed well site.

Roads and associated drainage structures will be maintained in accordance with guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

If existing access road, proposed access road and/or well pad are dry during construction, drilling and/or completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

Please refer to Topo C for the location of existing wells within a one-mile radius of the proposed wells.

### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

See the proposed *Production Facility Layout* diagrams showing the proposed production facilities to be utilized on Figure 3.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope.

All permanent (on site for six months or longer) structures constructed or installed (including

pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded

Containment berms will be constructed completely around production facilities designed to hold fluids (i.e., production tanks, produced water tanks, and/or heater/treater). The containment berms will be constructed of compacted subsoil, be sufficiently impervious, hold 110 percent of the capacity of the largest tank, and be independent of the back cut.

All safety measures have been considered in the design, construction, operation, and maintenance of the facility. EOG will have a designated representative present during construction. Any accidents to persons or property on federal lands will immediately be reported to the Authorized Officer.

Production facilities will be set on location if the wells are successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) to eight (8) 400-bbl and one (1) 300-bbl vertical tanks and attaching piping.

Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

Water supply will be Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)).

Water will be hauled by a licensed trucking company.

No water well will be drilled on lease.

#### 6. Source of Construction Materials:

Any construction materials that may be required for surfacing of the drill pads and access roads will be obtained from a contractor having a permitted source of materials within the general area.

No construction materials will be removed from Federal or Indian lands without prior approval from the appropriate surface management agency.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

Cuttings and drilling fluids will be contained within the closed loop system. Cutting will be dried on site hauled to an authorized disposal site and/or spread on the access road and well pad.

Fracture stimulation fluids will be flowed back into (above ground tanks) closed loop system and hauled to a DEQ authorized disposal site

A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at an authorized site.

well. Disposal will be at an authorized site.

All garbage and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage. Upon completion of operations, or as needed, the accumulated trash will be transported to a state approved waste disposal site. No trash will be placed in the reserve pit.

Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location. Any open pits will be fenced during drilling operations and said fencing will be maintained until such time as the pits have been backfilled.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

See the attached diagrams showing the proposed drill pad cross sections and cut and fills in relation to topographic features as well as access onto the pad and soil stockpiles.

All equipment and vehicles will be confined to the approved disturbed areas of this APD (i.e., access road, well pad, and spoil and topsoil storage areas).

If necessary, in order to divert surface runoff, a drainage ditch will be constructed around the upslope side of the well site.

The fill section of the pad that supports the drilling rig and any other heavy equipment will be compacted.

#### **Closed Loop System:**

The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location. More stringent protective requirements may be deemed necessary by the A.O.

The closed loop system will be constructed in a way that minimizes the accumulation of

surface precipitation runoff into the cuttings containment area. This may be accomplished by appropriate placement of subsoil/topsoil storage areas and/or construction of berms or ditches.

The closed loop system will be fenced on three sides during drilling operations and the fourth side will be fenced after the drilling rig moves off the location. This fence will be either: (1) woven wire at least 28 inches high and within 4 inches of ground surface with 2 strands of barbed wire above the woven wire with 10 inch spacing, or (2) at least 4 strands of barbed wire spaced, starting from the ground, at approximately 6, 8, 10, and 12 inch intervals.

Siphons, catchments, drip pans, and absorbent pads will be installed to keep hydrocarbons produced by the drilling and/or completion rigs from entering the closed loop system. Hydrocarbons and contaminated pads will be disposed of in accordance with Utah DEQ requirements.

#### 10. Plans for Reclamation of the Surface:

#### A. Interim Reclamation:

Rat and mouse holes will be filled and compacted from bottom to top immediately upon release of the drilling rig from the location.

Topsoil from the berms and/or storage piles will be spread along the road's cut and fill slopes. Drainage ditches or culverts will not be blocked with topsoil and associated organic matter. The unused area of the pad will be recontoured and topsoil spread six inches deep. The area on the contour will be ripped one foot deep using ripper teeth set on one-foot centers. The topsoil areas and reclaimed area of the well pad will be seeded as stated below.

All disturbed areas will be seeded using a drill equipped with a depth regulator. All seed will be drilled on the contour. The seed will be planted between one-quarter and one-half inch deep. Where drilling is not possible (i.e., too steep or rocky), the seed will be broadcast and the area raked or chained to cover the seed. If the seed mixture is broadcast, the rate will be doubled. EOG will use a seed mixture and application rate approved by the landowners.

Seeding will be done in compliance with EOG's approved reclamation plan. Seeding shall be repeated until a satisfactory stand, as determined by the authorized officer, is obtained. The first evaluation of growth will be made following completion of the first growing season after seeding.

The average size of the pads after reclamation is approximately 1.39 to 2.00 acres (see the attached *Production Facility Layout*).

#### B. Final Reclamation:

Upon final abandonment of the well, EOG will submit a sundry notice describing the proposed reclamation plan for approval by the Authorized Officer.

Configuration of the re-shaped topography will be returned, as near as possible, to the original condition. Cut and fill slopes will be 3 to 1 or less. All topsoil will be re-stripped from interim reclamation and redistributed over the entire location. The entire location

The reclaimed locations and access roads will be re-seeded with the recommended seed mixture.

Monitoring will be conducted by a qualified Operator representative (in coordination with the BLM) following initial rehabilitation work. Monitoring areas will be re-examined at the end of the first growing season. Results will be documented in a report to the BLM. Problem areas identified during monitoring will receive follow-up rehabilitation/erosion control measures. The seeding shall be repeated until a satisfactory stand, as determined by the authorized officer, is obtained.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well sites, is as follows:

Bureau of Land Management

#### 12. OTHER INFORMATION:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Weeds will be controlled on disturbed areas within the exterior limits of the access road and well pad. The control methods shall be in accordance with guidelines established by the EPA, BLM, state, and local authorities. Approval will be obtained from the Authorized Officer prior to use of pesticides.

EOG will inform all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials and contact the Authorized officer. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

A cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants on 7/11/2007. A paleontological survey was conducted and submitted by Intermountain Paleo on 7/11/2007.

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078 (435) 781-9111

17.3 Legg. - - -

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

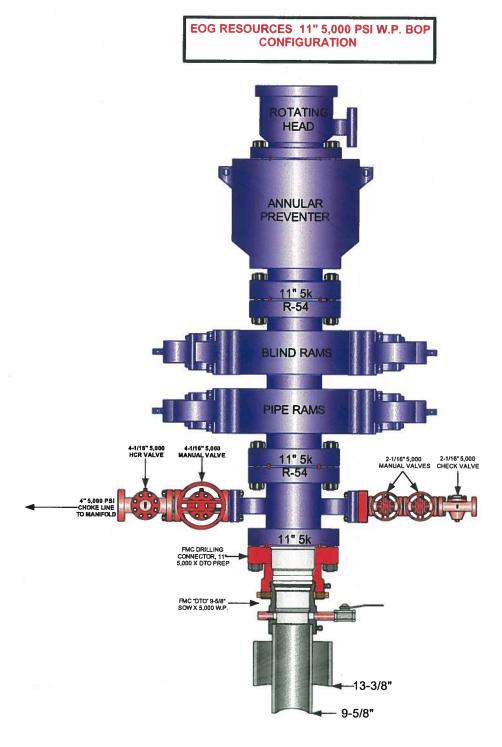
#### **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the referenced wells, located in the NENE, of Section 26, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

Date

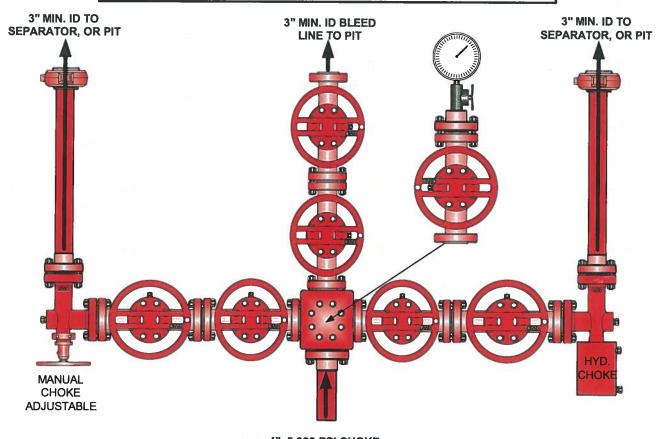
Sr. Regulatory Specialist



PAGE 1 OF 2

## EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

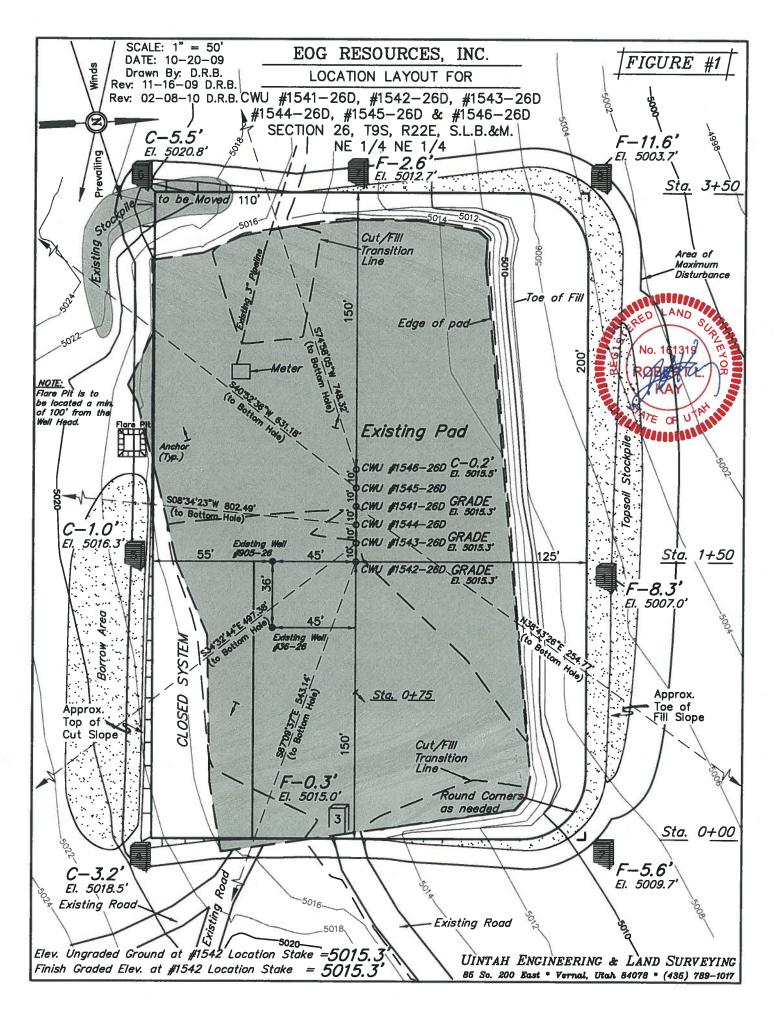
**PAGE 2 0F 2** 

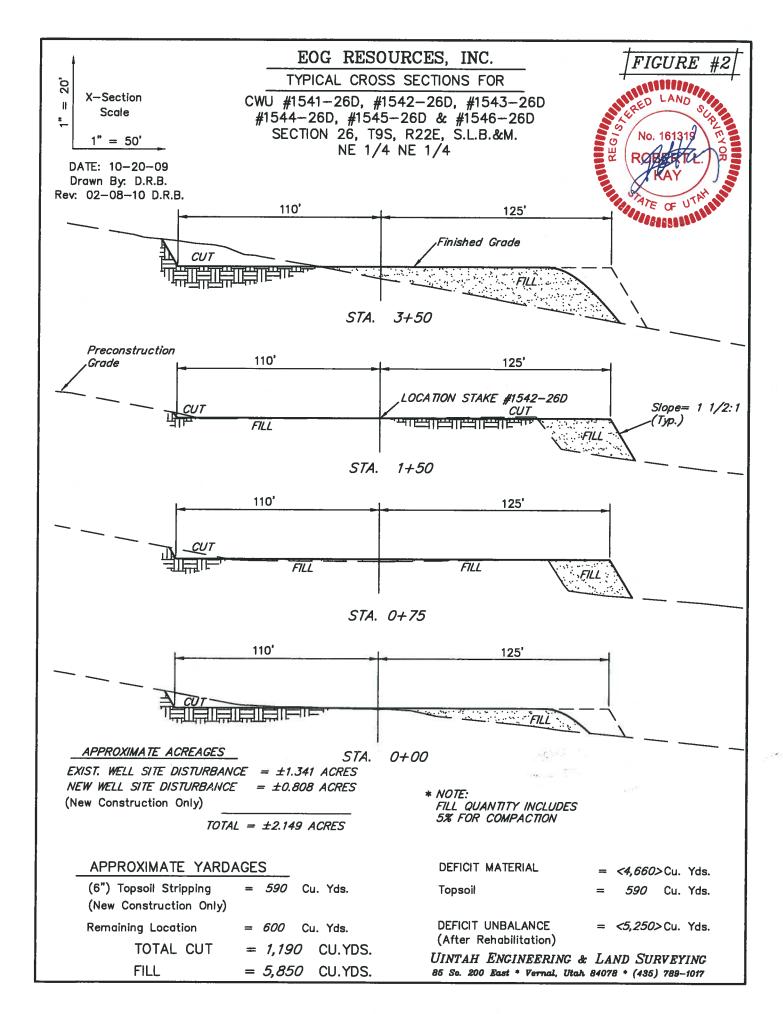


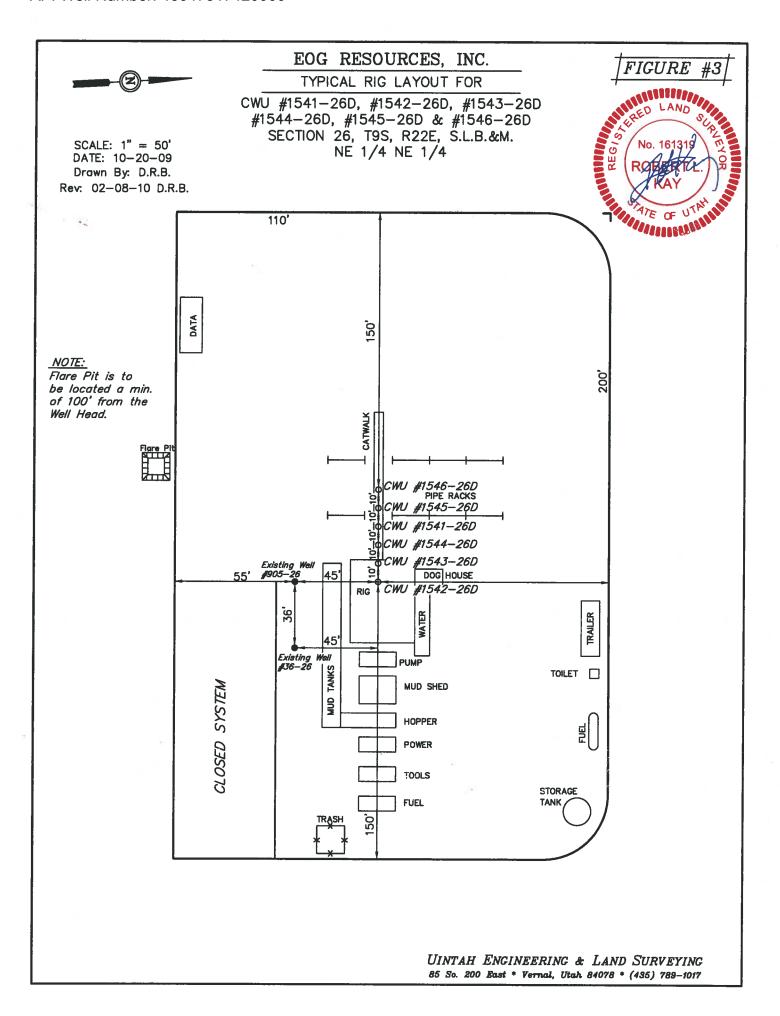
4" 5,000 PSI CHOKE LINE FROM HCR VALVE

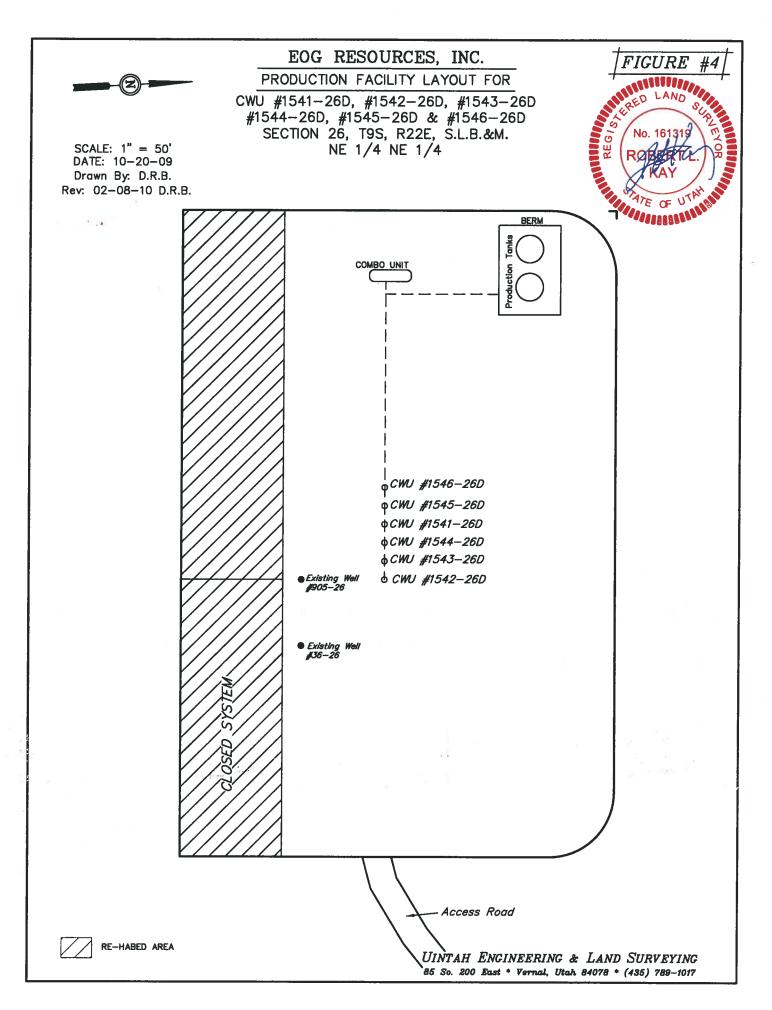
#### Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.





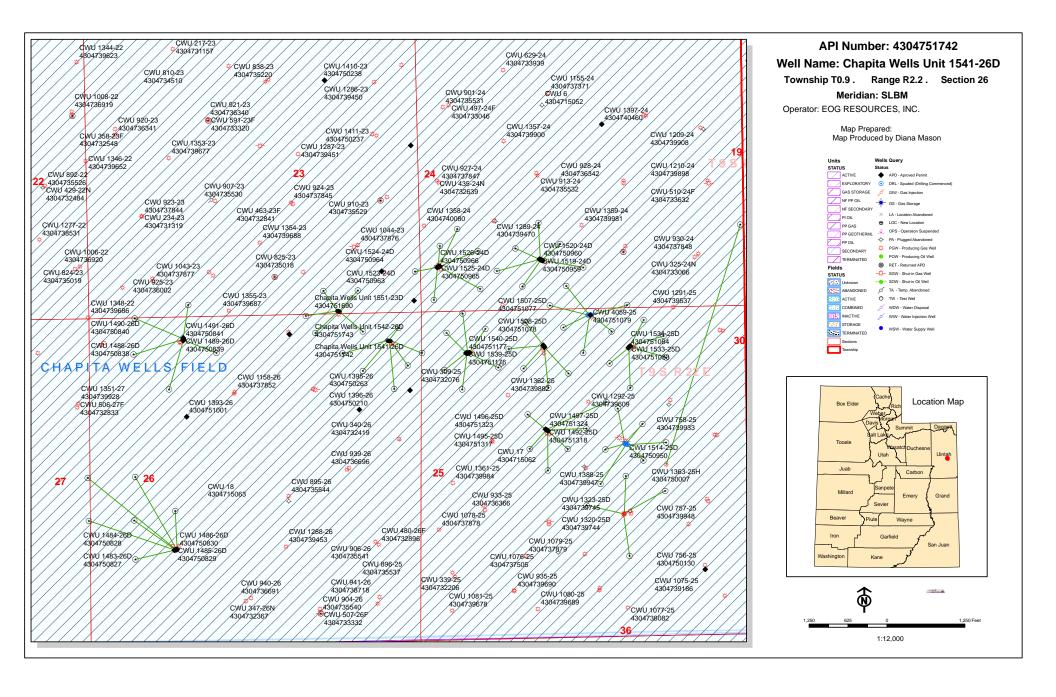




## EOG RESOURCES, INC. CWU #1541-26D, #1542-26D, #1543-26D, #1544-26D, #1545-26D & #1546-26D SECTION 26, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, SOUTHWESTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST: TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN SOUTHWESTERLY DIRECTION APPROXIMATELY 300' TO THE CWU #36-26 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.8 MILES.



## **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

July 21, 2011

Memorandum

Assistant District Manager Minerals, Vernal District To:

From: Michael Coulthard, Petroleum Engineer

2011 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Chapita Wells Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ MESA VERDE)

43-047-51742 Chapita Wells Unit 1541-26D Sec 26 T09S R22E 0447 FNL 0511 FEL BHL Sec 26 T09S R22E 0248 FNL 0351 FEL

43-047-51743 Chapita Wells Unit 1542-26D Sec 26 T09S R22E 0448 FNL 0481 FEL BHL Sec 25 T09S R22E 0659 FNL 0019 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard

DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael\_Coulthard@blm.gov, c=US

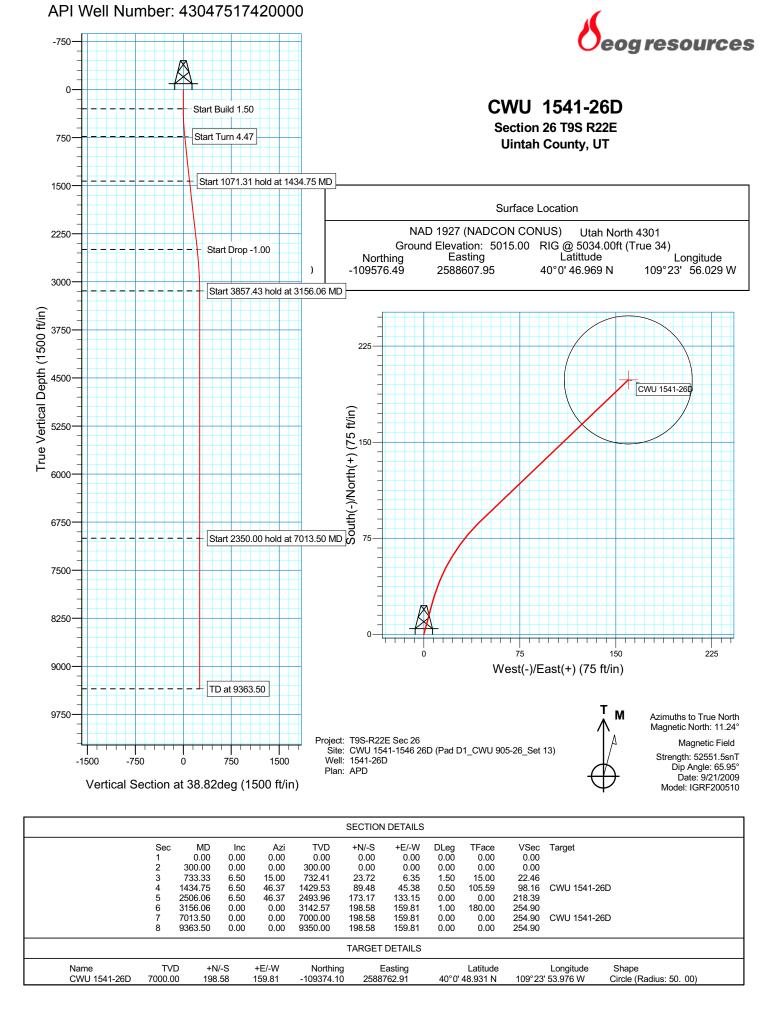
Date: 2011.07.21 08:30:50-06'00'

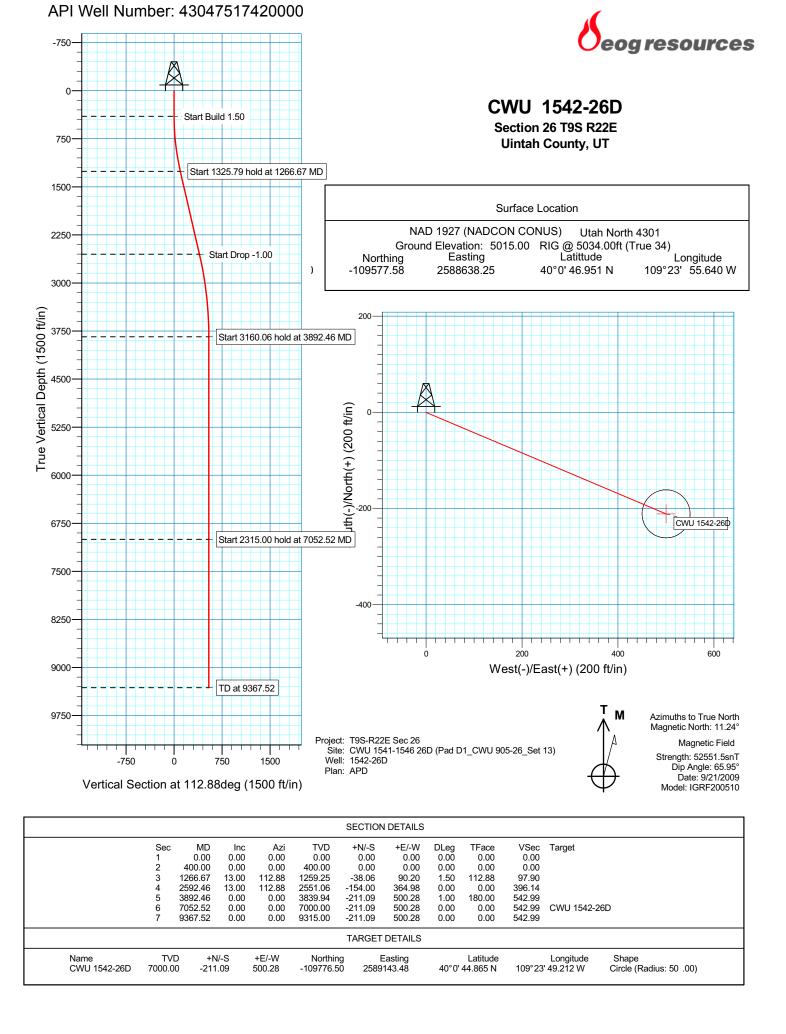
bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:7-21-11





API Well Number: 43047517420000

#### WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 6/24/2011 API NO. ASSIGNED: 43047517420000

WELL NAME: Chapita Wells Unit 1541-26D

OPERATOR: EOG Resources, Inc. (N9550) **PHONE NUMBER:** 435 781-9145

**CONTACT: Mickenzie Gates** 

PROPOSED LOCATION: NENE 26 090S 220E **Permit Tech Review:** 

> SURFACE: 0447 FNL 0511 FEL **Engineering Review:**

> **BOTTOM:** 0248 FNL 0351 FEL Geology Review:

**COUNTY: UINTAH** 

**LATITUDE:** 40.01307 **LONGITUDE:** -109.39883 **UTM SURF EASTINGS: 636656.00** NORTHINGS: 4430226.00

FIELD NAME: NATURAL BUTTES **LEASE TYPE:** 1 - Federal

**LEASE NUMBER: UTU0285A** PROPOSED PRODUCING FORMATION(S): MESA VERDE

SURFACE OWNER: 1 - Federal **COALBED METHANE: NO** 

**RECEIVED AND/OR REVIEWED: LOCATION AND SITING:** 

 PLAT R649-2-3.

Unit: CHAPITA WELLS Bond: FEDERAL - NM2308

**Potash** R649-3-2. General

✓ Oil Shale 190-5

Oil Shale 190-3 R649-3-3. Exception

Oil Shale 190-13 **Drilling Unit** 

Board Cause No: Cause 179-08 Water Permit: 49-225

**Effective Date:** 8/10/1999 **RDCC Review:** 

Siting: Suspends General Siting **Fee Surface Agreement** 

**Intent to Commingle** ▼ R649-3-11. Directional Drill

**Commingling Approved** 

**Comments:** Presite Completed

Stipulations:

4 - Federal Approval - dmason 15 - Directional - dmason 17 - Oil Shale 190-5(b) - dmason

**RECEIVED: Jul. 26, 2011** 

API Well No: 43047517420000



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

#### **Permit To Drill**

\*\*\*\*\*

Well Name: Chapita Wells Unit 1541-26D

**API Well Number:** 43047517420000

**Lease Number:** UTU0285A **Surface Owner:** FEDERAL **Approval Date:** 7/26/2011

#### Issued to:

EOG Resources, Inc., 600 17th Street, Suite 1000 N, Denver, CO 80202

#### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-08. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

API Well No: 43047517420000

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

#### **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

For John Rogers Associate Director, Oil & Gas Sundry Number: 21105 API Well Number: 43047517420000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	CEC.			FORM 9	
	DIVISION OF OIL, GAS, AND MINING			5.LEASI UTU02	DESIGNATION AND SERIAL NUMBER: 85A	
SUND	RY NOTICES AND REPORTS	S ON	WELLS	6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.				or CA AGREEMENT NAME: TA WELLS	
1. TYPE OF WELL Gas Well					NAME and NUMBER: 541-26D	
2. NAME OF OPERATOR: EOG Resources, Inc.					IUMBER: 517420000	
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		ONE NU			<b>D and POOL or WILDCAT:</b> AL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL				COUNTY		
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPORT,	OR OTH	IER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
	☐ ACIDIZE		ALTER CASING		CASING REPAIR	
✓ NOTICE OF INTENT	✓ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
Approximate date work will start: 12/8/2011	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	_	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	_	RACTURE TREAT		NEW CONSTRUCTION	
	OPERATOR CHANGE	□ P	PLUG AND ABANDON		PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	□ R	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	□s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
	☐ TUBING REPAIR	□ v	ENT OR FLARE		WATER DISPOSAL	
☐ DRILLING REPORT	☐ WATER SHUTOFF	□ s	SI TA STATUS EXTENSION		APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER	отні	R:	
12 DESCRIBE BRODOSED OR CO	DMDI ETED ODEDATIONS Closely show all no	ortinont	t details including dates, denths, u	rolumos .	nto.	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  EOG Resources, Inc. respectfully requests authorization to change the Drilling  Plan as per the attached: Float Equipment: Item 5, Mud Program: Item 6 and  Cement Program: Item 9.						
NAME (PLEASE PRINT)	PHONE NUMBER	R	TITLE			
Mickenzie Gates	435 781-9145		Operations Clerk			
SIGNATURE N/A			<b>DATE</b> 12/8/2011			

Sundry Number: 21105 API Well Number: 43047517420000

#### 5. Float Equipment:

#### **Surface Hole (0'- 2200'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 in middle of shoe joint, then top of every joint for next 7 joints. (8 total)

#### Production Hole (2200'± - TD):

Float shoe, 1 joint of casing, float collar and balance of casing to surface.  $4-\frac{1}{2}$ ", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. 1 turbulizer to be placed 5' above shoe on joint #1 and on the middle of joints #2 & #3. Conventional bow-spring centralizer on top of joint #4, then every  $3^{rd}$  joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of  $2^{nd}$  joint.

#### 6. MUD PROGRAM

#### Surface Hole (Surface - 2200'±):

Air/Air mist/Aerated water\* (\*A standby water source will be available at all times to act as a kill medium when conducting air drilling operations)

or

A closed-loop system utilizing a gelled bentonite mud will be employed. LCM sweeps, additions, etc. will be used as necessary.

#### Production Hole (2200'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15 cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

Sundry Number: 21105 API Well Number: 43047517420000

#### 9. CEMENT PROGRAM:

#### Surface Hole (Surface - 2200'±):

**Lead:** Lead volume to be calculated to bring cement from 500' above casing shoe to surface. Lead cement will be:

130 sx. HES VariCem (Type III) + 2% Cal-Seal (Thixotropic Additive) + 0.3% Versaset (Thixotropic Additive) + 2% Econolite (Light Weight Additive), mixed at 10.5 ppg, 4.10 cfps, 26.88 gps fresh water

Tail: Tail volume to be calculated to bring cement 500' above casing shoe. Tail cement will be:

135 sx. HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

**Top Out:** As necessary with:

HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

Note: The above number of sacks are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 70% excess on the lead slurry and gauge hole plus 100% excess on the tail slurry.

#### Production Hole (2200'± - TD)

**Lead:** Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well TD and vary from 11.0 – 13.0 ppg.

If lead slurry weight required is 11.0 ppg – 12.5 ppg, cement will be:

HES Highbond 75 (75/25 Poz/G) + 6% Bentonite (Extender) + 0.3% Versaset (Thixotropic Additive) + 2% Microbond (Expansion Additive)

Calculated sacks with corresponding mixed slurry weights, yields and water requirements for above cement will be as follows:

- 210 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 245 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 285 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 325 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water

If lead slurry weight required is 13.0 ppg, cement will be:

320 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.0 ppg, 1.63 cfps, 8.16 gps fresh water

**Tail:** Tail volume to be calculated to bring cement from TD to 400' above top of Wasatch Formation. Tail cement will be:

810 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive), mixed at 13.5 ppg, 1.47 cfps, 6.98 gps fresh water

Note: The above number of sacks in all cases are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 50% excess on the lead slurry and gauge hole plus 70% excess on the tail slurry.

Form 3160-3 (August 2007)

#### Revised BHL 8/1/2011

SEP 21 201

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT, Vernal

25. Lease Serial No.

APPLICATION FOR PERMIT T	6. If Indian, Allotee or Tribe Name					
la. Type of work:	NTER			7 If Unit or CA Agreement, Name and No. CHAPITA WELLS UNIT		
lb. Type of Well: ☐ Oil Well	[	✓ Single Zone  Mult	iple Zone	8. Lease Name and W CHAPITA WELLS U		
2. Name of Operator EOG Resources, Inc.				9. API Well No.	51742	
3a. Address 1060 East Highway 40, Vernal UT 84078		ne No. (include area code) 81-9111		10. Field and Pool, or Ex NATURAL BUTTES	ploratory	
<ol> <li>Location of Well (Report location clearly and in accordance with At surface (NENE) 447 FNL, 511 FEL, 40.013011 Lat At proposed prod. zone (NENE) 248 FNL, 351 FEL, 40.0</li> </ol>	i, 109.399	578 Lon		11. Sec., T. R. M. or Blk SEC 26, T9S, R22E,	· • • • • • • • • • • • • • • • • • • •	
14. Distance in miles and direction from nearest town or post office* 50.8 MILES FROM VERNAL				12. County or Parish UINTAH	13. State UT	
15. Distance from proposed* 248 location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No 1800	of acres in lease	17. Spacin	g Unit dedicated to this we		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	ì	19. Proposed Depth         20. BLM/E           9350 TVD, 9364 MD         NM2308		BIA Bond No. on file 8		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5015 NAT GL	22. Ap	proximate date work will sta	rt*	23. Estimated duration 45 DAYS		
		Attachments				
The following, completed in accordance with the requirements of Ons  1. Well plat certified by a registered surveyor.  2. A Drilling Plan.  3. A Surface Use Plan (if the location is on National Forest Syste SUPO must be filed with the appropriate Forest Service Office).  25. Signature	m Lands, th	4. Bond to cover t Item 20 above). e 5. Operator certific	he operation	rmation and/or plans as ma	ay be required by the	
In Sulfrance Court	1.0	aylerie IX. Galuriei		· · · · · · · · · · · · · · · · · · ·	6/16/2011	
Approved by (Signature)	N	ame (Printed/Typed)	Kenc	zka	nte DEC 1 2 20	
Title Assistant Field Manager Lands & Mineral Resources	О	ffice VERNAL	FIELD	OFFICE		
Application approval does not warrant or certify that the applicant ho conduct operations thereon.  Conditions of approval, if any, are attached.	lds legalor			ect lease which would entit PROVAL ATTACH	. • •	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations a	crime for a	ny person knowingly and we ter within its jurisdiction.	villfully to ma	ke to any department or a	gency of the United	

(Continued on page 2)

\*(Instructions on page 2)

NOTICE OF APPROVAL



RECEIVED

DEC 1 4 2011



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No: EOG Resources, Inc.

170 South 500 East

CWU 1542-26D 43-047-51743 Location: Lease No: NENE, Sec. 26, T9S, R22E

UTU-0285A

Agreement:

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER:** 

(435) 781-3420

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:  blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	_	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: CWU 1541-26D 12/12/2011

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- Surface pipelines will be placed 5-10 feet outside of the borrow area.
- Monitor the initial ground disturbing construction of the well pad by a qualified permitted
  paleontologist and thereafter spot-monitor the location during the remainder of the construction
  process. Report all mitigation-curation of vertebrates and other scientifically significant fossils that
  may be affected by the construction.

Page 3 of 6 Well: CWU 1541-26D

7eii: CVVU 1541-26D 12/12/2011

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- Cement for the surface casing shall be circulated to surface and/or topped off.
- Gamma ray Log shall be run from Total Depth to Surface.
- Cement for the production casing must be brought to at least 200' above the surface casing shoe.
- Variances Granted: Air Drilling
- Properly lubricated and maintained rotating head. Variance granted to use a properly maintained and lubricated diverter bowl in place of a rotating head.
- Blooie line discharge 100' from the well bore. Variances granted for blooie line discharge to be 75' from the well bore and may not be straight.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for rig mounted air compressors located within 40' of the well.
- In lieu of mud products on location, operator will have sufficient water on location for the mud kill medium during air drilling operations.
- Automatic igniter. Variance granted for igniter, a diffuser will be used instead. Operator will mount a
  deflector at the end of the blooie line to change direction and reduce the velocity of the cuttings flow
  to the reserve pit.
- De-dusting Equipment. Variance granted, dust controlled by water mist during air drilling operations.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.

Page 4 of 6 Well: CWU 1541-26D 12/12/2011

• Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily
  drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order
  No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a
  test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's
  log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
  encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
  Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to BLM\_UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: CWU 1541-26D

12/12/2011

#### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at <a href="https://www.ONRR.gov">www.ONRR.gov</a>.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written communication
  and must be received in this office by not later than the fifth business day following the date on
  which the well is placed on production. The notification shall provide, as a minimum, the following
  informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

Page 6 of 6 Well: CWU 1541-26D 12/12/2011

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
  BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
  hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
  be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to
  the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first.
  All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All
  product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in
  accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior approval
  of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
  approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
  of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MII		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1541-26D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047517420000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENE Section: 26	P, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian:	S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
✓ SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud: 12/18/2011	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all per referenced well was spud on 1		olumes, etc.
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE N/A		DATE 12/19/2011	

	STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCE  DIVISION OF OIL, GAS, AND MIN		FORM 9  5.LEASE DESIGNATION AND SERIAL NUMBER:	
	DIVISION OF OIL, GAS, AND MIN	NING	UTU0285A	
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1541-26D	
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047517420000	
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian: S	5	STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME	
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION	
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL	
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	$\square$ si ta status extension	☐ APD EXTENSION	
12/18/2011	□ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
	MPLETED OPERATIONS. Clearly show all pervity has occurred since spud o		olumes, etc.	
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	TITLE Regulatory Assistant		
SIGNATURE N/A		DATE 12/19/2011		

#### STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

#### **ENTITY ACTION FORM**

zip 84078

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

1060 East Highway 40

city Vernal

state UT

Phone Number: (435) 781-9157

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
43-047-51742			NENE	NENE 26 95		22E	UINTAH
Action Code			Spud Date			Entity Assignment Effective Date	
*B	99999	13650	1:	2/18/201	1	12	121/11

BHL= NENE

Well 2

Well	<b>Yame</b>	QQ	Sec	Twp	Rng	County
CHAPITA WELLS UNIT 1542-26D		NENE 26		98	22E	UINTAH
Current Entity Number	New Entity Number	8	pud Da	ie :	Ent E	ity Assignment ffective Date
99999	13650	1:	2/17/20 <sup>-</sup>	11	15	1/21/11
VERDE		11111	٠, ١			
	CHAPITA WELLS UN Current Entity Number 99999	Current Entity Number  99999  13650	CHAPITA WELLS UNIT 1542-26D         NENE           Current Entity         New Entity         S           Number         Number         13650         13           VERDE         Number         13650         13	CHAPITA WELLS UNIT 1542-26D         NENE         26           Current Entity         New Entity         Spud Da           Number         Number         12/17/20	CHAPITA WELLS UNIT 1542-26D         NENE         26         9S           Current Entity         New Entity         Spud Date           Number         13650         12/17/2011	CHAPITA WELLS UNIT 1542-26D         NENE         26         9S         22E           Current Entity Number         New Entity Number         Spud Date         Ent           99999         13650         12/17/2011         /6

Well 3

API Number	Well Name			Sec	Twp	Rng	County
43-047-51741	CHAPITA WELLS UNIT 1543-26D N		NENE	NE 26 9S		22E UINTAH	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
KB	99999	13650	1:	2/17/20	11	121	121/11
Comments: MES	AVERDE	BH	NEI	UE		~	

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

DEC 2 0 2011

Nanette Lupcho

Title

Signatur Regulatory Assistant

12/19/2011

(5/2000)

Sundry Number: 21675 API Well Number: 43047517420000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1541-26D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047517420000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		<b>NE NUMBER:</b> 11 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI	P, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian: \$	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT,	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION MPLETED OPERATIONS. Clearly show all per OCCUrred Since spud on 12/18	3/2011 to 01/03/2012.	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Volumes, etc.  ACCEPTED BY THE UTAH Division of il, Gas and Mining RECORDONLY
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	TITLE Regulatory Assistant	
SIGNATURE N/A		<b>DATE</b> 1/3/2012	

Sundry Number: 21401 Approval of This: 43047517420000

Action is Necessary

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9		
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A				
SUND	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1541-26D		
2. NAME OF OPERATOR: EOG Resources, Inc.			<b>9. API NUMBER:</b> 43047517420000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna		NUMBER: Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: Township: 09.0S Range: 22.0E Meridian: S		STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT     Approximate date work will start:     1 2 / 1 Q / 2 ∩ 1 1	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME		
12/18/2011	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION		
·	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
	L TUBING REPAIR	VENT OR FLARE	✓ WATER DISPOSAL		
DRILLING REPORT Report Date:		SI TA STATUS EXTENSION	☐ APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: NBU 20-20B SWD, CWU 550-30N SWD & CWU 2-29 SWD ROW# UTU85038, Red Wash Evaporation Ponds Accepted by the 1,2,3,4,5,6&7, White River Evaporation Ponds 1&2, Coyote Evaporation Ponds and Division of 1&2, Coyote 1-16 SWD and Hoss SWD Wells ROW# UTU86010 & UTU897 (Gi, Gas and Mining FOR RECO/RID) (OINLY)					
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	TITLE Regulatory Assistant			
SIGNATURE N/A		<b>DATE</b> 12/19/2011			

### DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Cor	mpany;	EOG RE	<u>SOURCES, 1</u>	INC	·	
Well Name	·	CWU 15	41-26D			
Api No:	43-047-517	42	_Lease Type_	<u>FE</u>	DERAL	
Section 26	Township_	<b>09S</b> Ran	nge 22E	County	UINTAH	
Drilling Cor	ntractor <u>C</u>	RAIG'S RO	<u>USTABOUT</u>	<b>SERV</b> R	IG#	_
SPUDDE	D:					
	Date	01/13/2012				
	Time					
	How	ROTARY	<u> </u>			
Drilling wi Commend	ill :e:		·····			
Reported by		KYLA	AN COOK			· 
Telephone#		(435)	790-8236		<u> </u>	
Date	01/13 /2012	Signed	CHD			

Sundry Number: 22682 API Well Number: 43047517420000

	STATE OF UTAH			FORM	19
ι	DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS, AND M			5.LEASE DESIGNATION AND SERIAL NUMBE UTU0285A	R:
SUNDR	RY NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	_
	oposals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS	_
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1541-26D	
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047517420000	
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	) N , Denver, CO, 80202		NE NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	_
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL				COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 26 Township: 09.0S Range: 22.0E Mer	ridian: S	3	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	_
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		LTER CASING	CASING REPAIR	_
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME	
Approximate date work will start:	CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN		RACTURE TREAT	□ NEW CONSTRUCTION	
Date of Work Completion:					
	OPERATOR CHANGE		LUG AND ABANDON	L PLUG BACK	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	□ R	ECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION	
	REPERFORATE CURRENT FORMATION	∐ si	DETRACK TO REPAIR WELL	L TEMPORARY ABANDON	
✓ DRILLING REPORT	TUBING REPAIR	∟ v	ENT OR FLARE	WATER DISPOSAL	
Report Date:	WATER SHUTOFF	☐ s	TA STATUS EXTENSION	APD EXTENSION	
2/2/2012	WILDCAT WELL DETERMINATION	□ o	THER	OTHER:	
Please see the atta	completed operations. Clearly show a ched well chronology repoonung all activity up to 02/	ort for /02/20	the referenced well 012.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 03, 2012	
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUM</b> 435 781-9157	MBER	TITLE Regulatory Assistant		
SIGNATURE N/A			<b>DATE</b> 2/2/2012		

Well Name: CWU 1541-26D Field: CHAPITA DEEP Property: 066343 02:00 02:30 0.5 0 0 RIG ON DAY WORK @ 02:00 AM ON 01/09/2012. TALLY BHA. WELL PREDRILLED FROM 79' TO 319' KOP. THIS WELL PLANNED AZIMUTH 38.81\*, INC 6.50\*. MUD MOTOR 1.75 DEGREE BEND, RPG .16, BIT TO BEND 7.04', BIT TO MWD 59'. 0 PICK UP BHA AND ORIENT MWD. TRIP IN HOLE TO 319' KOP. 02:30 06:00 3.5 0 ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED. SAFTEY MEETING: RIGGING UP. FUEL USED 100 GALLONS. 01-10-2012 KYLAN COOK Reported By \$26,889 \$0 **Daily Total** \$26,889 DailyCosts: Drilling Completion \$76,203 \$0 **Well Total** \$76,203 **Cum Costs: Drilling** Completion 776 0.0 MD **TVD** 775 457 MWVisc 0.0 **Progress** Days **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: PUMP REPAIR – DRILLING SURFACE Start End Hrs From To **Activity Description** 0 FINISH TRIPPING IN HOLE TO 319' KOP. 06:00 07:30 1.5 0 07:30 15:00 7.5 319 506 DRILL ROTATE AND SLIDE FROM 319' TO 506'. MWD FAILURE. 0 TRIP OUT OF HOLE TO MWD. CHANGE OUT MWD. TRIP BACK TO BOTTOM. 15:00 21:00 6.0 0 21:00 23:30 2.5 506 596 DRILL ROTATE AND SLIDE FROM 506' TO 596'. 0 WORK ON PUMP. 23:30 00:30 1.0 0 00:30 05:00 596 776 DRILL ROTATE AND SLIDE FROM 596' TO 776'. 180'. ROP 40' FPH. WOB ROTATE 8K, WOB SLIDE 10K, ROTARY RPM 40, MOTOR RPM 85, PUMP STROKES 140, GPM 532. PSI 550, DIFF PSI 50. 3' HIGH AND 1' RIGHT OF LINE. ROTATE 60% SLIDE 40%. TFO 10R. 05:00 06:00 0 WORK ON PUMP. 1.0 0 ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED. SAFTEY MEETINGS: TRIPPING PIPE AND CLEAN WORK SPACE. FUEL USED 750 GALLONS. KYLAN COOK 01-11-2012 Reported By DailyCosts: Drilling \$30,403 Completion \$0 **Daily Total** \$30,403 **Cum Costs: Drilling** \$106,606 \$0 **Well Total** \$106,606 Completion 0.0 1,466 0 0.0 MD **TVD** 1,460 **Progress** 690 Davs MWVisc PKR Depth: 0.0 Formation: **PBTD**: 0.0 Perf: Activity at Report Time: DRILLING @ 1466 Start End From To **Activity Description** Hrs 06:00 06:30 0 WORK ON PUMP. 0.5 0 06:30 18:00 11.5 776 1139 DRILL ROTATE AND SLIDE FROM 776' TO 1136'. 360'. ROP 31.3' FPH. WOB ROTATE 10K, WOB SLIDE 12K. ROTARY RPM 50, MOTOR RPM 83. PUMP STROKES 138, GPM

Sundry Number: 22682 API Well Number: 43047517420000

Page 4

1466 DRILL ROTATE AND SLIDE FROM 1136' TO 1466'. 330'. ROP 27.5' FPH.

18:00

06:00

12.0

1139

524. PSI 900, DIFF PSI 150. 9' HIGH AND 1' RIGHT OF LINE. ROTATE 88% SLIDE 12%. TFO 150L.

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

WOB ROTATE 10K, WOB SLIDE 16K. ROTARY RPM 45, MOTOR RPM 83. PUMP STROKES 138, GPM 524. PSI 950, DIFF PSI 150. 13' HIGH AND 2' LEFT OF LINE. ROTATE 91% SLIDE 9%. TFO 130R.

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: PUMP REPAIRS AND PINCH POINTS.

					FUEL USED 900	GALLON	S.					
01-12-	2012	Repor	ted By		KYLAN COOK							
DailyCo	osts: Drill	ing	\$27,0	57	Cor	npletion	\$0		Daily	Total	\$27,057	
Cum C	osts: Drill	ing	\$133,	663	Completion		\$0		Well	Total	\$133,663	
MD	1,94	46 <b>TV</b>	<b>D</b>	1,93	6 Progress	480	Days	0	MW	0.0	Visc	0.0
Format	ion :			PBTD: 0.0 Perf: PKR Depth: 0.0								
Activity	at Repor	t Time:	DRILLIN	NG @ 19	46'							
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	07:00	1.0	1466	1496	DRILL ROTATE	AND SLID	E FROM 146	66' TO 1496'.	. LOST FULL	RETURNS	AT 1476'.	
07:00	10:30	3.5	0	0	CLEAN MUD TA	ANKS AND	REFILL AL	L 400 BBL T	ANKS WITH	WATER.		
10:30	18:00	7.5	1496	1616	DRILL ROTATE 1500')	AND SLID	E FROM 149	06' TO 1616'.	. 120'. ROP 10	6' FPH. (95%	RETURNS BA	ACK @
					WOB ROTATE 1 524. PSI 950, DII 100L.							
18:00	06:00	12.0	1616	1946	DRILL ROTATE	AND SLID	E FROM 161	6' TO 1946'.	. 330'. ROP 2'	7.5' FPH.		
					WOB ROTATE 9 524. PSI 900, DII				*			
					ALL SURVEYS	AND DEPT	THS ADJUST	ED TO TRU	E #34 RKB=1	.9'		
					NO ACCIDENTS	REPORTE	ED.					
					SAFTEY MEETI	NGS: GOO	D HOUSE K	EEPING AN	D MAKING	CONNECTION	ONS.	
					FUEL USED 110	0 GALLO	NS.					
01-13-	2012	Repor	ted By		KYLAN COOK							
DailyCo	osts: Drill	ing	\$37,0	92	Cor	npletion	\$0		Daily	Total	\$37,092	

Formation: PE			<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	
MD	2,244	TVD	2,230	Progress	298	Days	0	MW	0.0	Visc	0.0
<b>Cum Costs: Drilling</b>		\$170,755		Completion		\$0		Well Total		\$170,755	
DailyCosts: D	rilling	\$37,	092	Com	pletion	\$0		Daily	y Total	\$37,092	
01-15-2012	K	eported by	K	I LAN COOK							

Activity at Report Time: TOH FOR SURFACE CSG

Start	End	Hrs	From	To	Activity Description
06:00	18:30	12.5	1946	2244	DRILL ROTATE FROM 1946' TO 2244'. 298'. ROP 23.8' FPH.
					WOB ROTATE 12K. ROTARY RPM 60, MOTOR RPM 83. PUMP STROKES 138, GPM 524. PSI 950, DIFF PSI 100. 33' HIGH AND 14' LEFT OF LINE. ROTATE 100% SLIDE 0%.
18:30	20:00	1.5	0	0	CIRCULATE FOR WIPER TRIP.
20:00	00:30	4.5	0	0	TRIP OUT OF HOLE WITH DIRECTIONAL TOOLS.
00:30	04:00	3.5	0	0	TALLY BHA WITH TRI-CONE AND REAMER. TRIP BACK TO BOTTOM.
04:00	05:30	1.5	0	0	CIRCULATE TO TRIP OUT OF HOLE AND RUN CASING.
05:30	06:00	0.5	0	0	TRIP OUT OF HOLE TO RUN CASING.

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: DRILLING PROCEDURES AND TRIPPING OUT.

FUEL USED 1150 GALLONS.

					FUEL USED 11	50 GALLO	NS.					
01-14-	2012	Repo	rted By		KYLAN COOK							
DailyCo	osts: Drill	ing	\$100,	596	Co	ompletion	\$0		Dail	y Total	\$100,596	
Cum C	osts: Drill	ing	\$271,	352	Co	ompletion	\$0		Well	l Total	\$271,352	
MD	2,24	14 <b>T</b>	VD	2,23	30 <b>Progress</b>	0	Days	0	MW	0.0	Visc	0.0
Format	ion :			PBTD			Perf:			PKR De	<b>pth</b> : 0.0	
Activity	at Repor	t Time:	WORT							,	-	
Start	End	Hrs	From	То	Activity Descr	ription						
06:00	09:00	3.			0 TRIP OUT OF I	-	UN CASING.					
09:00	11:00	2.	0 0	(	0 RIG UP TO RU	N CASING.						
11:00	14:30	3.	5 0	(	0 RUN 53 JTS (22 AND FLOAT C AND #3 THEN 2220.26' TVD /	OLLAR. 12 EVERY 5TI	CENTRALIZE I COLLAR TO	ERS SPACE	D 10' FROM	THE SHOE,	ON TOP OF JC	OINTS #2
14:30	15:00	0.	5 0	(	0 RUN 200' OF 1	" PIPE.						
15:00	16:00	1.	0 0	(	0 RDMO CRAIG	'S PRESET I	RIG. RELEAS	E RIG @ 10	6:00 PM ON	01/13/12. MO	VING TO CWU	J 1544–26I
					ALL SURVEYS	S AND DEPT	THS ADJUSTE	ED TO TRU	E #34 RKB=	:19'		
					NO ACCIDENT	S REPORTI	ED.					
					SAFTEY MEET			ND RUNNI	NG CASINO	3.		
					FUEL USED 15	0 GALLON	S.					
16:00	06:00	14.	0 0	(	0 CEMENT JOB: LINES AND CE WATER FLUSH	EMENT VAL	VE TO 3000 P					
					LEAD: MIXED VERSASET, 2% YIELD OF 4.1 ( WITH 2% CAC CEMENT WITI FLOAT HELD. LEAD CEMEN LEAD CEMEN	6 CAL–SEA CF/SX. TAII L2 MIXED 7 H 168 BBLS SHUT–IN C T TO SURF	L, AND 2% EC L: MIXED ANI FAIL CEMEN' FRESH WATE ASING VALV ACE 87 BBLS	CONOLITE D PUMPED T @ 15.6 PI ER. BUMPE E. BROKE INTO DISE	E. MIXED LE 2 300 SACKS PG WITH YI ED PLUG WI CIRCULATI	EAD CEMENT 5 (63 BBLS) O ELD OF 1.2 O ITH 1261# @ ION 41 BBLS	Γ @ 10.5 PPG V OF PREMIUM C CF/SX. DISPLA 19:50 PM ON 0 INTO LEAD C	VITH CEMENT CED 01/13/12. EEMENT,
					TOP JOB #1: PI CEMENT WITI CEMENT TO S	H 2% CACL	2. MIXED CEI	MENT @ 1		,		
					PREPARED LO ACTIVITY.	CATION FO	OR ROTARY R	IG. WORT.	WILL DRO	P FROM REP	ORT UNTIL FU	JRTHER
					KYLAN COOK 01/12/12 @ 11:5							

THE SURFACE CASING & CEMENT JOB ON 01/12/12 @ 11:55 AM.

SUBMIT AS EMAIL

Print Form

### BLM - Vernal Field Office - Notification Form

Ope	rator <u>EOG RESOURCES</u>	Rig Name	:/# TRU	E 34
Subr	mitted By Bill Snapp	Phone Num	1ber 877-	352-0710
	Name/Number <u>CWU 1541-</u>		<u> </u>	002 07 10
	Qtr NE/NE Section 26		s R	ange 22E
l eas	se Serial Number <u>UTU0285A</u>		1	urige <u>zzr</u>
	Number 43-047-51742			
\(\(\)\(\)\(\)	14011BC1 43-047-31742			
Spuc	d Notice – Spud is the initial	spudding of	f the we	ll not drilling
	below a casing string.	spacening of	die we	ii, not ariiing
out .	selew a casing same.			
	Date/Time		дм 🔲	РМ 🗍
		-	, <u> </u>	• • • • • • • • • • • • • • • • • • • •
Casi	<u>ng</u> – Please report time casi	ng run start	s, not ce	ementing
time		3	,	<b>-</b>
	Surface Casing			RECEIVED
	Intermediate Casing		•	
Ħ	Production Casing			FEB 2 7 2012
	Liner		DIV.	OF OIL, GAS & MINING
and the same of	Other		<i></i> ,	
	Other			
	Date/Time		АМ 🦳	рм 🗀
			/\\	111
<b>BOP</b>	E			
	= Initial BOPE test at surface	casing noin	t	
	BOPE test at intermediate			
H	30 day BOPE test	casing point		
	Other			
	Other			
	Data/Tima 02/28/2012	17.00	Λ N	PM 🗸
	Date/Time 02/28/2012	17:00	AM []	FIM [4]
Dom	aarka Approximata Tima			
Kerr	narks <u>Approximate Time.</u>			

Sundry Number: 23761 API Well Number: 43047517420000

	STATE OF UTAH		FORM 9
ι	DEPARTMENT OF NATURAL RESOURG DIVISION OF OIL, GAS, AND MII		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horize in for such proposals.		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1541-26D
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047517420000
3. ADDRESS OF OPERATOR: 1060 East Highway 40, Ve	rnal, UT, 84078 435	PHONE NUMBER: 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 26 Township: 09.0S Range: 22.0E Merio	dian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
24.0 5. 110.1. 50.1	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:			
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	LI TEMPORARY ABANDON
✓ DRILLING REPORT	L TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
Report Date: 3/7/2012	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
3/1/2012	WILDCAT WELL DETERMINATION	OTHER	OTHER:
The referenced we 1543-26D, 1544- complete on all well referenced well rea	completed operations. Clearly show all shares a pad with Chapit 26D and 1546-26D. Once on the pad, completion operated TD on 3/6/2012. Pleas t for the referenced well show 3/7/2012.	a Wells Unit 1542-26D, drilling operations are perations can begin. The se see the attached well	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 07, 2012
NAME (PLEASE PRINT)	PHONE NUME	BER TITLE	
Mickenzie Gates	435 781-9145	Operations Clerk	
SIGNATURE N/A		<b>DATE</b> 3/7/2012	

Sundry Number: 23761 API Well Number: 43047517420000

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: DRILLING PROCEDURES AND TRIPPING OUT.

FUEL USED 1150 GALLONS.

					FUEL USED 1150	GALLO	NS.					
01-14-	2012	Repo	rted By		KYLAN COOK							
DailyCo	osts: Drilli	ing	\$106,	004	Com	pletion	\$0		Daily	<b>Total</b>	\$106,004	
Cum C	osts: Drill	ing	\$292,	510	Com	pletion	\$0		Well	Total	\$292,510	
MD	2,24	14 T	VD	2,23	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Format	ion :			PBTD	: 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	WORT							•		
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	09:00	3.	0 0	0	TRIP OUT OF HO	LE TO R	UN CASING					
09:00	11:00	2.	0 0	0	RIG UP TO RUN	CASING.						
11:00	14:30	3.:	5 0	0	RUN 53 JTS (2215 AND FLOAT COL AND #3 THEN EV 2220.26' TVD / 22	LLAR. 12 VERY 5TH	CENTRALIZ I COLLAR T	ZERS SPACEI	D 10' FROM	THE SHOE,	ON TOP OF JO	INTS #2
14:30	15:00	0	5 0	0	RUN 200' OF 1" P	PIPE.						
15:00	16:00	1.	0 0	0	RDMO CRAIG'S	PRESET I	RIG. RELEA	SE RIG @ 16	:00 PM ON (	01/13/12. MO	VING TO CWU	1544–26D.
16:00	06:00	14.	0 0	0	ALL SURVEYS A NO ACCIDENTS SAFTEY MEETIN FUEL USED 150 0 CEMENT JOB: M LINES AND CEM WATER FLUSH A  LEAD: MIXED AI VERSASET, 2% C YIELD OF 4.1 CF WITH 2% CACL2 CEMENT WITH 1 FLOAT HELD. SH LEAD CEMENT T	REPORTH  GALLON  IRU HAL  IENT VAL  HEAD OF  ND PUMI  CAL-SEA  /SX. TAIL  MIXED  68 BBLS  HUT-IN C  TO SURFA	ED.  PPING PIPE A S.  LIBURTON AVE TO 3000 F CEMENT.  PED 250 SAC L, AND 2% I A: MIXED AN FAIL CEMEI FRESH WAI ASING VAL ACE 87 BBL ACE. WOC 2	AND RUNNII CEMENTER: PSIG. PUMP CKS (183 BBI ECONOLITE. ND PUMPED NT @ 15.6 PP FER. BUMPE VE. BROKE ( S INTO DISP HR.	NG CASING S. HELD SA ED 10 BBLS  LS) OF PREM MIXED LE 300 SACKS G WITH YIE D PLUG WI CIRCULATIV LACEMENT	FETY MEET FRESH WA' MIUM LEAD AD CEMENT (63 BBLS) O ELD OF 1.2 C IH 1261# @ ON 41 BBLS C CIRCULAT	CEMENT WIT	H 0.3% /TTH EMENT CED 1/13/12. EMENT, BBLS OF
					TOP JOB #1: PUNCEMENT WITH 2 CEMENT TO SUF PREPARED LOCA ACTIVITY.  KYLAN COOK N 01/12/12 @ 11:55	2% CACL RFACE. H ATION FO OTIFIED AM. KYL	2. MIXED CI OLE STOOD OR ROTARY BLM VIA E AN COOK N	EMENT @ 15 D FULL. RIG. WORT. -MAIL OF TI NOTIFIED CA	3.8 PPG WIT. WILL DROF HE SURFAC AROL DANII	H YIELD OF  FROM REP  E CASING &  ELS WITH U	1.15 CF/SX. GO ORT UNTIL FU CEMENT JOE	OOD RTHER ON
02 20	2012	Dono	ntod D-		THE SURFACE C	ASING &	CEMENT J	OB ON 01/12/	12 @ 11:55	AIVI.		
02-29-		-	rted By	90			φo		**	TD 4.3	¢70.200	
DailyCo	osts: Drilli	ıng	\$78,3	89	Com	pletion -	\$0		Daily	Total	\$78,389	
						D	age 6					

Page 6

Sundry Number: 23761 API Well Number: 43047517420000

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

\$370,899 \$370,899 **Cum Costs: Drilling** Completion \$0 **Well Total** MD 2,679 **TVD** 2,575 **Progress** 435 Days MW9.7 Visc 33.0 Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING @ 2679'

Start	End	Hrs	From 7	Го	Activity Description
10:00	11:00	1.0	0	(	SKID RIG FROM THE CWU 1545–26D.
11:00	12:00	1.0	0	(	RIGGING UP.
12:00	14:00	2.0	0	(	NIPPLE UP BOP. (RIG EXCEPTED @ 12:00 HRS. 2/28/2012)
14:00	18:00	4.0	0	(	TEST UPPER & LOWER KELLY VALVES, FLOOR VALVES, CHOKE VALVES, CHOKE MANIFOLD, CHECK VALVE, PIPE RAMS & BLIND RAMS TO 5000 PSI HIGH, 250 LOW, ANNULAR 2500 PSI HIGH, 250 LOW, CASING 1500 PSI.
18:00	19:30	1.5	0	(	PICK UP DIRECTIONAL TOOLS & ORIENT MWD.
19:30	20:30	1.0	0	(	TIH W/ BHA & DRILLPIPE, TAG CEMENT @ 2177'.
20:30	21:00	0.5	0	(	INSTALL ROTATING HEAD RUBBER
21:00	22:00	1.0	0	(	SLIP & CUT DRILL LINE
22:00	23:30	1.5	2244	2254	DRILL CEMENT/FLOAT EQUIP. & 10' OF NEW HOLE.
23:30	00:00	0.5	0	(	PREFORM F.I.T. @ 2254' W/ 9.8 PPG HELD 75 PSI= 10.4 PPG EQUIVILANT MUD WT.
00:00	06:00	6.0	2254	2679	ROTATE & SLIDE 2254' TO 2679' =425', ROP 70.8 FPH, WOB 15–25K, RPM 55/65, MM 68, SPP 1525 PSI, DIFF. 200–400, 454 GPM. 96.2% ROTATE, 3.8% SLIDE.

NO INCIDENT NO ACCIDENT

FULL CREW

SAFETY MEETING, SKIDDING RIG, CHECKING RIG AFTER SKID

FUEL TRANSFERED FROM CWU 1545-26D, 3762 GALS, RCVD 7201 GAL.

FUEL ON HAND: 9918GAL. USED: 1045 GAL.

 $0 \qquad \qquad 0 \quad \text{SPUD 7 78" HOLE @ 00:00 HRS, 02/29/2012}.$ 

03-01-2012	Re	eported By	В	SILL SNAPP							
DailyCosts:	Drilling	\$33,	868	Con	npletion	\$0		Daily	Total	\$33,868	
<b>Cum Costs:</b>	Drilling	\$404,768		Completion		\$0		Well Total		\$404,768	
MD	4,700	TVD	4,683	Progress	2,021	Days	2	MW	10.2	Visc	34.0
Formation ·			PRTD ·	0.0		Perf •			PKR Der	<b>1th</b> • 0.0	

Activity at Report Time: DRILLING AHEAD@ 4700'

Start	End	Hrs	From	To	Activity Description
06:00	14:00	8.0	2679	3523	ROTATE & SLIDE 2679' TO 3523' =844', ROP 105.5 FPH,WOB 15–25K, RPM 55/65, MM 68, SPP 1825 PSI, DIFF. 200–400, 454 GPM. 94.2% ROTATE, 5.8% SLIDE.
14:00	14:30	0.5	0	3523	SERVICE RIG
14:30	06:00	15.5	3523	4700	ROTATE & SLIDE 3523' TO 4700' =1177', ROP 75.9 FPH,WOB 15–25K, RPM 55/65, MM 68, SPP 1950 PSI, DIFF. 200–400, 454 GPM. 81.5% ROTATE, 18.5% SLIDE.

NO INCIDENT NO ACCIDENT

FULL CREWS

BOP DRILL BOTH CREWS

SAFETY MEETING, WORKING ON STEAM HAETER, FLAMABLE CHEMICALS & LIQUIDS

FUEL ON HAND: 8094 GAL. USED: 1824 GAL.

03-02-2	2012	Repor	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$36,92	.3	Con	pletion	\$0		Dail	y Total	\$36,923	
•	sts: Drilli	_	\$437,7	02		pletion	\$0			Total	\$437,702	
MD	5,76	_	/ <b>D</b>	5,74		1,065	Days	3	MW	10.4	Visc	34.0
Formati				PBTD	11081000	,	Perf:		112 11	PKR De		
	at Report	Time:					1011.			I III Do	<b>5011 •</b> 0.0	
Start	End	Hrs	From		Activity Descri	otion						
06:00	13:30	7.5			ROTATE & SLIDI		5079' -379'	ROP 50 5 F	PH WOR 15	_25K_RPM 50	0/65 MM 68 S	SPP 2190
00.00	13.50	7.5	4700	3017	PSI, DIFF. 200–40							2170
13:30	14:00	0.5	0	5079	SERVICE RIG.							
14:00	06:00	16.0	5079	5765	ROTATE & SLIDI PSI, DIFF. 200–40 MUD@ 5420'.							
					NO INCIDENT N	O ACCIDI	ENT					
					FULL CREWS							
					BOP DRILL BOT	H CREWS						
					SAFETY MEETIN	NG, CLEA	NING UNDE	R FLOOR, E	BLOWOUT I	PREVENTION	1.	
					FUEL ON HAND	: 6270 GA	L. USED: 182	4 GAL.				
03-03-2	2012	Repor	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$39,47	6	Con	pletion	\$0		Dail	y Total	\$39,476	
Cum Co	sts: Drilli	ng	\$477,1	78	Con	pletion	\$0		Well	Total	\$477,178	
MD	6,78	0 <b>T</b> \	/ <b>D</b>	6,76	3 Progress	1,015	Days	4	MW	10.6	Visc	33.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity	at Report	Time:	DRILLIN	G @ 678	80'					-		
Start	End	Hrs	From	То	Activity Descrip	otion						
06:00	14:00	8.0			ROTATE & SLIDI PSI, DIFF. 200–40	E 5765' TC						SPP 2200
14:00	14:30	0.5	0	6138	SERVICE RIG	10, 434 GF	WI. 93.2% KO	IAIL, 4.0%	SLIDE. BUG	CKCANTON	@ 3910 .	
14:30	06:00	15.5			ROTATE & SLIDI PSI, DIFF. 200–40					,		SPP 2300
					NO INCIDENT N	O ACCIDI	ENT					
					FULL CREWS							
					BOP DRILL BOT	H CREWS						
					SAFETY MEETIN	NG, GETT	ING TOO CO	MPLACENT	Γ, BLOWDO	WN BOILER.		
					FUEL ON HAND	: 4389 GA	L. USED: 188	1 GAL.				
03-04-2	2012	Repor	ted By		BILL SNAPP							
	sts: Drilli	-	\$36,58	30	Con	pletion	\$6,468		Dail	y Total	\$43,049	
•	osts: Drilli Osts: Drilli	_	\$513,7			pletion	\$6,468		•	Total	\$520,227	
MD	7,51	Ü		7,49		730		5	MW	11.1	Visc	38.0
Formati	,	· 1\		PBTD	- 6	130	Days Perf :	3	141 44	PKR Dei		36.0
	at Report	Time					1611.			I KK Dej	7til • 0.0	
Activity	at vehou	i ime:	PKILLIN		10							
Start	End	Hrs	From	TEN .	<b>Activity Descri</b>	4.						

03-06-2012	Reported By	y Bl	ILL SNAPP							
DailyCosts: Drilling \$73,469			Con	\$0		Daily	Total	\$73,469		
<b>Cum Costs: Drill</b>	<b>ng</b> \$62	26,874	Completion		\$6,468		Well	Total	\$633,343	
<b>MD</b> 9,22	5 <b>TVD</b>	9,208	Progress	950	Days	7	MW	11.6	Visc	38.0
Formation: PBT			<b>Perf</b> :				<b>PKR Depth :</b> 0.0			

Activity at Report Time: DRILLING @ 9225'

Start	End	Hrs	From	То	Activity Description
06:00	15:30	9.5	8275	8642	ROTATE & SLIDE 8275' TO 8642' =367', ROP 38.6 FPH, WOB 15–25K, RPM 50/65, MM 63, SPP 2410 PSI, DIFF. 200–400, 418 GPM. 96.9% ROTATE, 3.1% SLIDE.
15:30	16:00	0.5	8642	8642	SERVICE RIG.
16:00	06:00	14.0	8642	9225	ROTATE & SLIDE 8642' TO 9225' =583', ROP 41.6 FPH,WOB 15–25K, RPM 50/65, MM 63, SPP 2550 PSI, DIFF. 200–400, 418 GPM. 100% ROTATE, 0% SLIDE. LOWER PRICE RIVER@ 8650'. HOLDING 11.5 PPG. MUD WT. W/11.78 PPG. ECD, STARTED GETTING LAZY 10'/12' FLARE FROM CONN. @ 8799'. FALLING TO AND MAINTAINING 2'/3' BETWEEN CONN. GAS. INCREASE MUD WT. SLOWLY TO 11.6 PPG. W/11.83 ECD, NO MORE FLARE. CONTINUING TO RAISE MUD WT. TO 11.7 PPG. SEGO TOP@ 9162'.

Well Name: CWU 1541-26D Field: CHAPITA DEEP Property: 066343

NO INCIDENT NO ACCIDENT

FULL CREWS

BOP DRILL BOTH CREWS

SAFETY MEETING, LOCKOUT/ TAGOUT, INSPECTING TONG & SLIP DIES.

					FUEL ON HAND	: 6278 GA	L. USED:2234	GAL.					
03-07-	2012	Repor	ted By		BILL SNAPP								
DailyCo	osts: Drilli	ing	\$65,5	05	Con	pletion	\$0		Daily Total		\$65,505		
Cum C	osts: Drilli	ing	\$692,	380	Con	npletion \$6,468			Well	l Total	\$698,849		
MD	9,36	57 <b>TV</b>	/ <b>D</b>	9,34	9 Progress	142	Days	8	MW	11.7	Visc	38.0	
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0		
Activity	at Repor	t Time:	TIH										
Start	End	Hrs	From	То	Activity Descrip	otion							
06:00	10:00	4.0	9225	9334	ROTATE & SLIDI PSI, DIFF. 200–40 PPG. NO FLARE.	00, 418 GF							
10:00	10:30	0.5	0	9334	SERVICE RIG.								
10:30	11:30	1.0	9334	9367	ROTATE & SLIDI DIFF. 200–400, 41 9367' MD. @ 11:3	18 GPM. 1	00% ROTATE,	0% SLIDE	. MUD WT.	TO 11.7 PPG.		,	
11:30	13:00	1.5	0	9367	CHECK FLOW, N BOTTOMS UP.	CHECK FLOW, NO FLOW, CIRRCULATE & CONDITION HOLE FOR WIPER TRIP. NO FLARE WITH BOTTOMS UP.							
13:00	17:30	4.5	0	9367	CHECK FLOW, P DIRECTIONAL T							FILL.	
17:30	18:30	1.0	0	0	LAY DOWN DIR	ECTIONA	L TOOLS, PU	BIT SUB A	ND SAME	BIT #3.			
18:30	21:30	3.0	0	9367	TRIP IN HOLE, N TO 9367'.	IO HOLE	PROBLEMS. F	PICK UP DI	P TO REPLA	ACE DIRECTION	ONAL TOOL	S. WASH 90'	
21:30	23:00	1.5	0	9367	CIRCULATE 1 1/2 RIG UP WEATHE				RE W/BOTT	OMS UP LAS	TING 15 MIN	I. PJSM AND	
23:00	05:00	6.0	0	0	CHECK FLOW P	UMP SLU	G, LAY DOW	N DRILL P	IPE.				
05:00	06:00	1.0	0	0	PJSM, AND RIG	UP WEAT	HERFORD CA	SING CRE	ZW.				
					NO INCIDENT N	O ACCID	ENT						
					FULL CREWS								
					BOP DRILL BOT	H CREWS	S						
					SAFETY MEETIN	NG, SETT	ING AND PUL	LING SLIF	PS, LDDP.				
					FUEL ON HAND	: 4928 GA	L. USED:1350	GAL.					

SUBMIT AS EMAIL

### BLM - Vernal Field Office - Notification Form

Opei	rator EUG RESOURCES	Rig Nam	e/#_IRU	JE 34	
Subr	nitted By <u>Bill Snapp</u>	Phone Nur	nber 877	-352-0710	
	Name/Number <u>CWU 1541</u>				
Qtr/0	Qtr NE/NE Section 26	Township 9	es F	Range 22E	
	e Serial Number UTU0285A			<u> </u>	
	Number 43-047-51742				
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Spuc	<u>d Notice</u> – Spud is the initia	I spudding o	of the we	ell, not drilling	
	below a casing string.				
	Date/Time		AM 🔲	PM 🗌	
		_			
	<u>ng</u> – Please report time cas	ing run star	ts, not c	ementing	
time	_				
	Surface Casing			<b>RECEIVED</b>	
	Intermediate Casing			MAR 0 6 2012	
$ \checkmark $	Production Casing			MAIN O'D ZUIZ	
	Liner			DIV. OF OIL, GAS & MINII	NG
	Other				
	D 1 /T 00/07/00/0				
	Date/Time <u>03/07/2012</u>	05:00	AM 🗸	PM [_]	
	_				
BOP			1		
	Initial BOPE test at surface	<b>U</b> .			
	BOPE test at intermediate	casing poin	τ		
	30 day BOPE test				
	Other				
	5 . 7			<b>D</b>	
	Date/Time		AM 🔛	PM	
_					
Rem	arks <u>Approximate Time.</u>				

Sundry Number: 25902 API Well Number: 43047517420000

	STATE OF UTAH			FORM 9
ı	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M		i	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDR	Y NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significant reenter plugged wells, or to drill hori: n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1541-26D
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047517420000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	N , Denver, CO, 80202		NE NUMBER: 35 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	<b>HP, RANGE, MERIDIAN:</b> 6 Township: 09.0S Range: 22.0E Me	ridian: S	5	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		LITER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	☐ c	HANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		RACTURE TREAT	New construction
Date of Work Completion.	OPERATOR CHANGE		LUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	∟ s	IDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	L TUBING REPAIR	□ v	ENT OR FLARE	WATER DISPOSAL
Report Date: 5/21/2012	WATER SHUTOFF	∐ s	I TA STATUS EXTENSION	APD EXTENSION
3/21/2012	WILDCAT WELL DETERMINATION	☐ c	THER	OTHER:
Completion oper	COMPLETED OPERATIONS. Clearly sho ations for the referenced v se see the attached well ch	well b	egan on 5-10-12.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 21, 2012
NAME (PLEASE PRINT) Mickenzie Gates	<b>PHONE NUM</b> 435 781-9145	MBER	TITLE Operations Clerk	
SIGNATURE			DATE	
N/A			5/21/2012	

RECEIVED: May. 21, 2012

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

**Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION **Activity Description** Start End Hrs From To 0 RUN TOTAL OF 208 JTS OF CASING ( 206 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER 06:00 13:30 7.5 JOINTS 11.6#, P-110, LT&C) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 51 JTS OF CASING, MARKER JOINT @ TOP OF PRICE RIVER, 60 JTS, CASING, MARKER JOINT, @ 400' ABOVE WASATCH, 94 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 40) TAG BOTTOM , LAY DOWN TAG JOINT, PICK UP MANDREL & LAND CASING W/ 80# STRING WEIGHT @ 9356'. HAD TO WASH 8" TO BOTTOM. CASING LANDED AS FOLLOWS (DEPTHS SHOWN ARE TOPS OF COMPONENTS UNLESS OTHERWISE STATED): FLOAT SHOE (BOTTOM): 9356' FLOAT COLLAR: 93087 MARKER JOINT: 6879' MARKER JOINT: 4255' 16:00 0 CIRCULATE CASING ON BOTTOM. RIG DOWN CASERS. HOLD PJSM W/ HALLIBURTON, & RIG 13:30 2.5 0 HALLIBURTON UP. PUMP LAST 200 BBLS W/ .5 GPT W/ XCIDE. NO FLARE W/ BOTTOMS UP. 16:00 19:00 3.0 0 0 TEST LINE TO 5000#, PUMP 20BBLS OF CHEMICAL FLUSH W/ 0.5 GPT XCIDE, 10 FRESH WATER W/ 0.5 GPT XCIDE, PUMP 515 SKS (147.6 BBLS) OF 12.5#, 1.61 YIELD W/ 4% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT, 1345 SKS (352 BBLS) OF 13.5#, 1.47 YIELD W/ 0.125 LBM POLY-E-FLAKE OF TAIL CEMENT, DISPLACED W/ 144.3 BBLS OF FRESH WATER W/ .5 GPT MYACIDE, DISPLACED @ 7 BBLS MIN., SLOWED TO 3 BBLS MIN W/ 120BBLS GONE, FCP 2529#, BUMPED PLUG & PRESSURED UP TO 3326#, BLEED OFF & CHECK FLOAT, FLOATS HELD. FULL RETURNS THROUGH OUT JOB. 20:00 0 0 PRESSURE BACK UP TO 1000# & HOLD FOR 1 HR. 19:00 1.0 0 SET PACK OFF & TEST PACKOFF TO 5000# FOR 30 MIN. 20:00 21:00 1.0 0 0 NIPPLE DOWN BOP & CLEAN MUD TANKS. 21:00 22:00 1.0 0 22:00 0 0 NO INCIDENT NO ACCIDENT FULL CREWS SAFETY MEETING, RUNNING CASING, FORKLIFT FUEL 4480 GALS., USED 448 GALS. TRANSFER 4480 GALS OF FUEL TO THE CWU 1544-26D 0 RIG RELEASED @ 22:00 HRS. 3/7/2012. 0 CASING POINT COST \$728,915 03-12-2012 Reported By **SEARLE** DailyCosts: Drilling \$0 \$17,000 **Daily Total** \$17,000 Completion **Cum Costs: Drilling** \$728,914 Completion \$187,171 **Well Total** \$916,085 0.0 0.0 9,350 0 10 MD 9,367 **TVD** MWVisc **Progress Days** PKR Depth: 0.0 **Formation: PBTD**: 9298.0 Perf: Activity at Report Time: PREP FOR FRACS Start End Hrs From To **Activity Description** 06:00 06:00 24.0 0 0 MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FORM 9297' TO 70'. EST CEMENT TOP @ 800'. RDWL. 05-09-2012 **MCCURDY** Reported By

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

DailyCo	sts: Drilli	ng	\$0		Con	pletion	\$0		Daily	Total	\$0		
Cum Co	osts: Drilli	ing	\$728,9	14	Completion		\$187,171	Well Total		<b>Total</b>	\$916,085		
MD	9,36	57 <b>TV</b>	V <b>D</b>	9,350	Progress	0	Days	11	MW	0.0	Visc	0.0	
Formati	ion: MES.	AVERDE	2	<b>PBTD</b> : 9	98.0 <b>Perf</b> : 8856–9076				6 <b>PKR Depth</b> : 0.0				
Activity	at Repor	t Time:	START FI	RACING S	TAGES 1–8								
Start	End	Hrs	From	To A	ctivity Descrip	otion							
06:00	06:00	24.0	0	0 FF	RAC TANKS PR	E MIXED	W/ BIOCIDE (E	BE 6) @ 3	3# PER TANK.				
				90	67'-68', 9020'-	-21', 8987'	WIRELINE & N -88', 8978'-79' PF & 120 DEGR	, 8938'–3	39', 8923'-24'	, 8915'–16',		,	

05-10-201	2 Re	eported By	M	CCURDY							
DailyCosts	: Drilling	\$0		Com	pletion	\$108		Daily	Total	\$108	
Cum Costs	: Drilling	\$72	8,914	Com	pletion	\$187,279		Well '	<b>Total</b>	\$916,193	
MD	9,367	TVD	9,350	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	<b>PBTD</b> : 9	298.0		<b>Perf</b> : 8436–9	0076		PKR Dep	oth: 0.0	

Activity at Report Time: FRAC

Start	End	Hrs	From To	Activity Description
06:00	06:00	24.0	0	0 STAGE 1. MIRU WIDE SP

0 STAGE 1. MIRU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. RU HALLIBURTON. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 695 GAL 16# LINEAR PAD, 7480 GAL 16# LINEAR W/9600# 20/40 SAND @ 1–1.5 PPG, 30436 GAL 16# DELTA 200 W/102600# 20/40 SAND @ 2–5 PPG. MTP 5310 PSIG. MTR 50.4 BPM. ATP 4249 PSIG. ATR

50 BPM. ISIP 2741 PSIG. RD HALLIBURTON.

STAGE 2. RUWL. SET 6K CFP AT 8844'. PERFORATE MPR/LPR FROM 8826'-27', 8813'-14', 8804'-05', 8775'-76', 8766'-67', 8758'-59', 8748'-49', 8728'-29', 8706'-07', 8664'-65', 8653'-54', 8642'-43' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT). 487 GAL 16# LINEAR PAD, 7450 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 38017 GAL 16# DELTA 200 W/126100# 20/40 SAND @ 2-5 PPG. MTP 5655 PSIG. MTR 50.3 BPM. ATP 4035 PSIG. ATR 50 BPM. ISIP 2861 PSIG. RD HALLIBURTON.

STAGE 3. RUWL. SET 6K CFP AT 8626'. PERFORATE MPR FROM 8609'-10', 8600'-01', 8590'-91', 8578'-79', 8542'-43', 8535'-36', 8522'-23', 8508'09', 8500'-01', 8488'-89', 8470'-71', 8436'-37' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 551 GAL 16# LINEAR PAD, 7429 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 29834 GAL 16# DELTA 200 W/101800# 20/40 SAND @ 2-5 PPG. MTP 6226 PSIG. MTR 50.2 BPM. ATP 5300 PSIG. ATR 48.1 BPM. ISIP 2885 PSIG. RD HALLIBURTON. SWIFN.

05-11-2	2012	Repor	rted By		MCCURD	Y						
DailyCo	osts: Drill	ing	\$0			Completion	\$108		Daily	<b>Total</b>	\$108	
Cum Costs: Drilling \$728,914					Completion		\$187,387	\$187,387 <b>Well Total</b>		Total	\$916,301	
MD	9,3	67 <b>T</b>	VD	9,350	0 Progr	ress 0	Days	13	MW	0.0	Visc	0.0
Format	ion: MES	AVERDI	Ξ	PBTD	: 9298.0		<b>Perf:</b> 7595	-9076		PKR De <sub>l</sub>	oth: 0.0	
Activity at Report Time: FRAC												
Start	End	Hrs	From	To	Activity I	Description						

Sundry Number: 25902 API Well Number: 43047517420000

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

06:00 06:00 24.0 0

0 STAGE 4. SICP 2641 PSIG. RUWL. SET 6K CFP AT 8390'. PERFORATE MPR FROM 8361'-62', 8339'-40', 8330'-31', 8299'-300', 8280'-81', 8263'-64', 8250'-51', 8240'-41', 8226'-27', 8199'-200', 8186'-87', 8162'-63' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 799 GAL 16# LINEAR PAD, 7473 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 43445 GAL 16# DELTA 200 W/150400# 20/40 SAND @ 2-5 PPG. MTP 5596 PSIG. MTR 50.2 BPM. ATP 3867 PSIG. ATR 50 BPM. ISIP 2565 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 8142'. PERFORATE MPR FROM 8120'-21', 8111'-12', 8093'-94', 8083'-84', 8063'-64', 8050'-51', 8011'-12', 7977'-78', 7967'-68', 7940'-41', 7913'-14', 7888'-89' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 754 GAL 16# LINEAR PAD, 7450 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 50532 GAL 16# DELTA 200 W/174800# 20/40 SAND @ 2-5 PPG. MTP 6032 PSIG. MTR 50.2 BPM. ATP 4541 PSIG. ATR 50 BPM. ISIP 2595 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 7870'. PERFORATE UPR FROM 7848'-49', 7827'-28', 7799'-800', 7775'-76', 7765'-66', 7750'-51', 7711'-12', 7702'-03', 7686'-87', 7674'-75', 7630'-31', 7595'-96' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 884 GAL 16# LINEAR PAD, 7408 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 113200 GAL 16# DELTA 200 W/27860# 20/40 SAND @ 2-5 PPG. MTP 5914 PSIG. MTR 50.2 BPM. ATP 4624 PSIG. ATR 49.8 BPM. ISIP 2632 PSIG. RD HALLIBURTON. SWIFN.

05-12-2012	Re	eported B	<b>3y</b>	MCCURDY							
DailyCosts: Drilling \$0				Con	pletion	\$502,587		Daily	Total	\$502,587	
Cum Costs: I	Orilling	\$7	28,914	Con	pletion	\$689,974		Well	Total	\$1,418,889	
MD	9,367	TVD	9,350	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD			PBTD:	9298.0		<b>Perf</b> : 7024–9	9076		PKR Dep	oth: 0.0	

Activity at Report Time: PREP TO MIRUSU FOR POST FRAC CLEAN OUT

Start	End	Hrs	From	To	<b>Activity Description</b>
-------	-----	-----	------	----	-----------------------------

06:00 06:00 24.0 0 STAGE 7. INTIAL PRESSURE 2110 PSIG. RUWL. SET 6K CFP AT 7580'. PERFORATE UPR FROM 7556'-57', 7542'-43', 7536'-37', 7528'-29', 7514'-15', 7491'-92', 7486'-87', 7425'-26', 7415'-16', 7405'-06', 7389'-90', 7367'-68' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 916 GAL 16# LINEAR PAD, 7435 GAL 16# LINEAR W/9600#

20/40 SAND @ 1-1.5 PPG, 31433 GAL 16# DELTA 200 W/106600# 20/40 SAND @ 2-5 PPG. MTP 5194 PSIG. MTR 50.2 BPM. ATP 3770 PSIG. ATR 50 BPM. ISIP 2320 PSIG. RD HALLIBURTON.

STAGE 8. RUWL. SET 6K CFP AT 7314'. PERFORATE UPR FROM 7291'-92', 7282'-83', 7267'-68', 7260'-61', 7205'-06', 7194'-95', 7181'-82', 7107'-08', 7095'-96', 7048'-49', 7035'-36', 7024'-25' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 1060 GAL 16# LINEAR PAD, 7419 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 42553 GAL 16# DELTA 200 W/144300# 20/40 SAND @ 2-5 PPG. MTP 4863 PSIG. MTR 50.3 BPM. ATP 3481 PSIG. ATR 50 BPM. ISIP 2072 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 6959'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALLIBURTON SERVICES. SDFN.

05–17–2012 Reported By BAUSCH / BASTIAN

Sundry Number: 25902 API Well Number: 43047517420000

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

DailyCo	sts: Drill	ing	\$0		Com	pletion	\$16,761		Daily	y Total	\$16,761	
Cum Co	osts: Drill	ing	\$728,	914	Con	pletion	\$706,735		Well	Total	\$1,435,650	
MD	9,36	67 <b>T</b>	VD	9,350	Progress	0	Days	15	MW	0.0	Visc	0.0
Format	ion: MES	AVERDI	Е	PBTD:	9298.0		<b>Perf</b> : 7024–	9076		PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	PREP FO	OR POST I	FRAC CLEAN OU	JT						
Start	End	Hrs	From	To	Activity Descrip	ption						
03:00	06:00	3.	0 0	0	MIRUSU. ND FRA	AC VALVI	ES. NU BOP.					
05-18-2	2012	Repor	rted By		BAUSCH / BASTI	IAN						
DailyCo	sts: Drill	ing	\$0		Com	pletion	\$60,938		Daily	y Total	\$60,938	
Cum Costs: Drilling \$728,914					Con	pletion	\$767,673		Well	Total	\$1,496,588	
MD	9,36	67 <b>T</b>	VD	9,350	Progress	0	Days	16	MW	0.0	Visc	0.0
Formati	ion: MES	AVERDI	Е	PBTD:	9298.0		<b>Perf</b> : 7024–	9076		PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	RDSU.	WO SALE	S.							
Start	End	Hrs	From	То	Activity Descrip	ption						
06:00	18:00	12.0	0 0		RIH W/3–7/8" HU PRESSURE TEST 6959', 7314', 7580 @ 7695' KB. ND 1	TED FLOW O', 7870', 8 BOP. NU T	LINES & BOP 142', 8390', 862	E TO 250 26' & 884	OPSI. CLEA Y, RIH. CLE	NED OUT & ANED OUT T	DRILLED OUT	PLUGS @
					IBO DETAIL L	ENGIH						
					POBS 1.00'							
					1 JT 2-3/8" 4.7# I	L-80 TBG	32.64'					
					XN NIPPLE 1.3	80' @7660						
					234 JTS 2-3/8" 4.	7# L-80 T	BG 7640.72'					
					BELOW KB 19.	00'						
					LANDED @ 769	94.66' KB						

Sundry Number: 25063 API Well Number: 43047517420000

	STATE OF UTAH				FORM 9			
ı	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN			5.LEASE UTU02	<b>DESIGNATION AND SERIAL NUMBER:</b> 85A			
SUNDR	Y NOTICES AND REPORTS	ON V	WELLS	6. IF IND	AN, ALLOTTEE OR TRIBE NAME:			
	posals to drill new wells, significantly of eenter plugged wells, or to drill horizon for such proposals.			1	r CA AGREEMENT NAME: A WELLS			
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1541-26D				
2. NAME OF OPERATOR: EOG Resources, Inc.		9. API NUMBER: 43047517420000						
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	N , Denver, CO, 80202	NE NUMBER: 5 781-9111 Ext	1	and POOL or WILDCAT: AL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL				COUNTY				
QTR/QTR, SECTION, TOWNSH	IIP, RANGE, MERIDIAN: 6 Township: 09.0S Range: 22.0E Merid	dian: S		STATE: UTAH				
11. CHECI	K APPROPRIATE BOXES TO INDICAT	TE NA	TURE OF NOTICE, REPOR	T, OR O	THER DATA			
TYPE OF SUBMISSION			TYPE OF ACTION					
	ACIDIZE		TER CASING	П	CASING REPAIR			
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS		HANGE TUBING		CHANGE WELL NAME			
Approximate date work will start:								
SUBSEQUENT REPORT	CHANGE WELL STATUS	☐ cc	DMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE			
Date of Work Completion:	DEEPEN	☐ FR	RACTURE TREAT		NEW CONSTRUCTION			
	OPERATOR CHANGE	PL	UG AND ABANDON		PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RE	ECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	☐ sic	DETRACK TO REPAIR WELL		TEMPORARY ABANDON			
	TUBING REPAIR	□ ve	ENT OR FLARE		WATER DISPOSAL			
✓ DRILLING REPORT	WATER SHUTOFF		TA STATUS EXTENSION		APD EXTENSION			
Report Date: 4/25/2012		si	TA STATUS EXTENSION		APD EXTENSION			
	WILDCAT WELL DETERMINATION	∐ от	THER	OTHE	R:			
	completed operations. Clearly show a pletion operations. Please se chronology.			oi FOF	Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY May 09, 2012			
NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMB 435 781-9145	BER	TITLE Operations Clerk					
SIGNATURE			DATE					
N/A		- 1	4/25/2012					

NO INCIDENT NO ACCIDENT

FULL CREWS

BOP DRILL BOTH CREWS

SAFETY MEETING, LOCKOUT/ TAGOUT, INSPECTING TONG & SLIP DIES.

FUEL ON HAND: 6278 GAL. USED:2234 GAL.

					FUEL ON HAND:	0270 011	E. COED.2231	GriE.				
03-07-2	2012	Report	ted By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$65,50	)5	Com	pletion	\$0		Daily	Total	\$65,505	
Cum Co	sts: Drill	ing	\$698,1	124	Com	pletion	\$6,468		Well	Total	\$704,593	
MD	9,36	7 <b>TV</b>	'D	9,349	Progress	142	Days	8	MW	11.7	Visc	38.0
Formati	on:			PBTD	: 0.0		Perf:			PKR Dep	<b>th:</b> 0.0	
Activity	at Repor	t Time:	TIH									
Start	End	Hrs	From	То	<b>Activity Descrip</b>	tion						
06:00	10:00	4.0	9225	9334	ROTATE & SLIDE PSI, DIFF. 200–40 PPG. NO FLARE.							
10:00	10:30	0.5	0	9334	SERVICE RIG.							
10:30	11:30	1.0	9334	9367	ROTATE & SLIDE DIFF. 200–400, 41 9367' MD. @ 11:3	8 GPM. 1	00% ROTATE,	0% SLIDE	. MUD WT. T	ГО 11.7 PPG. 1		
11:30	13:00	1.5	0	9367	CHECK FLOW, N BOTTOMS UP.	O FLOW,	CIRRCULATE	E & COND	ITION HOLE	FOR WIPER	TRIP. NO FLA	RE WITH
13:00	17:30	4.5	0	9367	CHECK FLOW, P							FILL.
17:30	18:30	1.0	0	0	LAY DOWN DIRE	ECTIONA	L TOOLS, PU	BIT SUB A	AND SAME I	BIT #3.		
18:30	21:30	3.0	0	9367	TRIP IN HOLE, N TO 9367'.	O HOLE	PROBLEMS. F	PICK UP D	P TO REPLA	CE DIRECTIO	ONAL TOOLS.	WASH 90'
21:30	23:00	1.5	0	9367	CIRCULATE 1 1/2 RIG UP WEATHE				RE W/BOTT	OMS UP LAS	TING 15 MIN.	PJSM AND
23:00	05:00	6.0	0	0	CHECK FLOW P	JMP SLU	G, LAY DOW	N DRILL P	IPE.			
05:00	06:00	1.0	0	0	PJSM, AND RIG U	JP WEAT	HERFORD CA	SING CRE	EW.			
					NO INCIDENT N	O ACCIDI	ENT					
					FULL CREWS							
					BOP DRILL BOT	H CREWS						
					SAFETY MEETIN	IG, SETTI	NG AND PUL	LING SLII	PS, LDDP.			
					FUEL ON HAND:	4928 GA	L. USED:1350	GAL.				
03-08-2	2012	Report	ted By		JOHNNY TURNE	R/BILL S	NAPP					
DailyCo	sts: Drilli	ng	\$12,85	51	Com	pletion	\$163,702		Daily	Total	\$176,553	
Cum Co	sts: Drill	ing	\$710,9	975	Com	pletion	\$170,171		Well	Total	\$881,146	
MD	9,36	57 <b>TV</b>	'D	9,350	Progress	0	Days	9	MW	11.7	Visc	38.0
Formati	on:			PBTD	: 0.0		Perf:			PKR Dep	<b>th:</b> 0.0	
Activity	at Repor	t Time:	RDRT/W	О СОМІ	PLETION							
Start	End	Hrs	From	То	Activity Descrip	tion						

06:00	13:30	7.5	0	0 RUN TOTAL OF 208 JTS OF CASING ( 206 FULL JTS OF 4.5", 11.6#, N–80, LT&C + 2 MARKER JOINTS 11.6#, P–110, LT&C) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 51 JTS OF CASING, MARKER JOINT @ TOP OF PRICE RIVER, 60 JTS, CASING, MARKER JOINT, @ 400' ABOVE WASATCH, 94 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 40) TAG BOTTOM, LAY DOWN TAG JOINT, PICK UP MANDREL & LAND CASING W/80# STRING WEIGHT @ 9356'. HAD TO WASH 8" TO BOTTOM.
				CASING LANDED AS FOLLOWS (DEPTHS SHOWN ARE TOPS OF
				COMPONENTS UNLESS OTHERWISE STATED):
				FLOAT SHOE (BOTTOM): 9356'
				FLOAT COLLAR: 9308'
				MARKER JOINT: 6879'
				MARKER JOINT: 4255'
13:30	16:00	2.5	0	0 CIRCULATE CASING ON BOTTOM. RIG DOWN CASERS. HOLD PJSM W/ HALLIBURTON, & RIG HALLIBURTON UP. PUMP LAST 200 BBLS W/ .5 GPT W/ XCIDE. NO FLARE W/ BOTTOMS UP.
16:00	19:00	3.0	0	0 TEST LINE TO 5000#, PUMP 20BBLS OF CHEMICAL FLUSH W/ 0.5 GPT XCIDE, 10 FRESH WATER W/ 0.5 GPT XCIDE, PUMP 515 SKS (147.6 BBLS) OF 12.5#, 1.61 YIELD W/ 4% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT, 1345 SKS (352 BBLS) OF 13.5#, 1.47 YIELD W/ 0.125 LBM POLY-E-FLAKE OF TAIL CEMENT, DISPLACED W/ 144.3 BBLS OF FRESH WATER W/ .5 GPT MYACIDE, DISPLACED @ 7 BBLS MIN., SLOWED TO 3 BBLS MIN W/ 120BBLS GONE, FCP 2529#, BUMPED PLUG & PRESSURED UP TO 3326#, BLEED OFF & CHECK FLOAT, FLOATS HELD. FULL RETURNS THROUGH OUT JOB.
19:00	20:00	1.0	0	0 PRESSURE BACK UP TO 1000# & HOLD FOR 1 HR.
20:00	21:00	1.0	0	0 SET PACK OFF & TEST PACKOFF TO 5000# FOR 30 MIN.
21:00	22:00	1.0	0	0 NIPPLE DOWN BOP & CLEAN MUD TANKS.
22:00			0	0 NO INCIDENT NO ACCIDENT
				FULL CREWS
				SAFETY MEETING, RUNNING CASING, FORKLIFT
				FUEL 4480 GALS., USED 448 GALS.
				TRANSFER 4480 GALS OF FUEL TO THE CWU 1544–26D
			0	0 RIG RELEASED @ 22:00 HRS, 3/7/2012.
				CASING POINT COST \$705,232

Sundry Number: 25981 API Well Number: 43047517420000

	STATE OF UTAH			FORM 9
I	DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS, AND I			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0285A
SUNDR	Y NOTICES AND REPORT	TS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significar reenter plugged wells, or to drill ho n for such proposals.			7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: CWU 1541-26D
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43047517420000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	) N , Denver, CO, 80202	NE NUMBER: 5 781-9111 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0447 FNL 0511 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	<b>IIP, RANGE, MERIDIAN:</b> 6 Township: 09.0S Range: 22.0E M	1eridian: S	3	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDI	ICATE NA	ATURE OF NOTICE, REPOR	™ RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		LTER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		RACTURE TREAT	☐ NEW CONSTRUCTION
5/21/2012				PLUG BACK
	OPERATOR CHANGE		LUG AND ABANDON	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	∟ sı	DETRACK TO REPAIR WELL	LI TEMPORARY ABANDON
DRILLING REPORT	TUBING REPAIR	□ v	ENT OR FLARE	WATER DISPOSAL
Report Date:	WATER SHUTOFF	∐ s	TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	□ o	THER	OTHER:
The referenced well attached operat	COMPLETED OPERATIONS. Clearly sh was turned to sales on 0 ions summary report for o ations performed on the s	)5/21/2 drilling	012. Please see the and completion	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 23, 2012
NAME (PLEASE PRINT) Mickenzie Gates	<b>PHONE NU</b> 435 781-9145	JMBER	TITLE Operations Clerk	
SIGNATURE N/A			<b>DATE</b> 5/23/2012	

Sundry Number: 25981 API Well Number: 43047517420000

WELL	CHRONOLOGY
	REPORT

Report Generated On: 05-23-2012

Well Name	CWU 1541-26D	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-51742	Well Class	1SA
County, State	UINTAH, UT	Spud Date	02-29-2012	Class Date	05-21-2012
Tax Credit	N	TVD / MD	9,350/ 9,364	Property #	066343
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	0/7,694
KB / GL Elev	5,034/ 5,015				
Location	Section 26-T9S-R22E, NENI	E, 447 FNL & 511 FE	L		

<b>Event No</b>	1.0	Des	cription I	ORILL & COMPLET	E			
Operator	EOG RESOUR	CES, INC WI	<b>%</b> 1	0.00	NRI %	82	2.139	
AFE No	310495	AI	FE Total	1,597,600	DHC/C	CWC	751,800/ 845,800	
Rig Contr	POWELL SER. INC	Rig Name	RIG 1	Start Date	05-17-2012	Release Date		
Rig Contr	TRUE	Rig Name	TRUE #34	Start Date	12-01-2011	Release D	ate 03-	07-2012
12-01-2011	Reported By	SHARO	ON CAUDILL					
DailyCosts: Dr	rilling \$0		Completion	<b>1</b> \$0	Daily	y Total	\$0	
Cum Costs: Di	rilling \$0		Completion	<b>1</b> \$0	Well	Total	\$0	
MD	0 <b>TVD</b>	0 <b>Pr</b>	ogress 0	Days	0 <b>MW</b>	0.0	Visc	0.0
Formation:		<b>PBTD</b> : 0.0		Perf:		PKR Dept	t <b>h:</b> 0.0	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	From To	<b>Activity Description</b>
06:00	06:00	24.0	0	0 LOCATION DATA

447' FNL & 511' FEL (NE/NE) SECTION 26, T9S, R22E UINTAH COUNTY, UTAH

LAT 40 DEG 00' 46.84", LONG 109 DEG 23' 58.48" (NAD 83) LAT 40 DEG 00' 46.97", LONG 109 DEG 23' 56.03" (NAD 27)

BHL: 248 FNL & 351' FEL (NENE)

SECTION 26, T9S, R22E UINTAH COUNTY, UTAH

TRUE #34

OBJECTIVE: 9364' MD, 9350' TVD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

RECEIVED: May. 23, 2012

LEASE: FEDERAL UTU0285A

ELEVATION: 5015' NAT GL, 5015.3' PREP GL (DUE TO ROUNDING PREP GL IS 5015'), 5034' KB (19')  $MULTI\ PAD:\ CWU\ 1541-26D,\ CWU\ 1542-26DX,\ CWU\ 1543-26D,\ CWU\ 1544-26D,\ CWU\ 1545-26D,$ CWU 1546-26D

#### EOG WI 100%, NRI 82.139316%

				EOG WI 100%, NI	RI 82.1393	16%					
12-19-2011	Repor	rted By		GERALD ASHCR	AFT/ROB	ERT WILKIN	S				
DailyCosts: Drilli	ng	\$54,450		Com	pletion	\$0		Daily	Total	\$54,450	
Cum Costs: Drilli	ng	\$54,450		Com	pletion	\$0		Well	<b>Total</b>	\$54,450	
<b>MD</b> 60	T	VD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Tormation :		P	BTD	: 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
activity at Report	t Time:	SPUD NOT	IFICA	TION/LOCATION	BUILD						
tart End	Hrs	From T	0	<b>Activity Descrip</b>	tion						
06:00 06:00	24.	0 0	0	CRAIG'S BUCKE CEMENT TO SUR				8/11 @ 03:00	PM, SET 60	OF 14" COND	UCTOR.
				BLM WAS NOTIF	IED BY E	MAIL OF SPU	JD ON 12/1	6/11 @ 11:13	AM.		
06:00		0	0	LOCATION BUIL	D START	ED 12/16/11. F	USHING C	N LOCATIO	N (55% CON	MPLETE).	
2-20-2011	Repo	rted By		ROBERT WILKIN	S						
DailyCosts: Drilli	ng	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilli	ng	\$54,450		Com	pletion	\$0		Well	<b>Total</b>	\$54,450	
<b>1D</b> 60	T	VD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
ormation :		P	BTD	: 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
activity at Report	t Time:	LOCATION	BUIL	.D							
Start End	Hrs	From T	o	<b>Activity Descrip</b>	tion						
06:00 06:00	24.	0 0	0	LOCATION IS 759	% COMPL	ETE.					
2-21-2011	Repor	rted By		ROBERT WILKIN	S						
DailyCosts: Drilli	ng	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilli	ng	\$54,450		Com	pletion	\$0		Well	<b>Total</b>	\$54,450	
<b>1D</b> 60	T	VD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
ormation :		P	BTD	: 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
ctivity at Report	t Time:	LOCATION	BUIL	LD.							
tart End	Hrs	From T	0	<b>Activity Descrip</b>	tion						
06:00 06:00	24.	0 0	0	LOCATION IS 809	% COMPL	LETE.					
2-22-2011	Repor	rted By		ROBERT WILKIN	S						
DailyCosts: Drilli	ng	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilli	ng	\$54,450		Com	pletion	\$0		Well	<b>Fotal</b>	\$54,450	
			60	Progress	0	Days	0	MW	0.0	Visc	0.0
<b>MD</b> 60	T	VD	00	Trogress	-	zujs					
	T		BTD	Ü	-	Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
MD 60 Formation: Activity at Report		P	BTD	: 0.0	·	=				<b>pth:</b> 0.0	

12–23–2011 Repo	rted By	ROBERT WILKI	NS						
PailyCosts: Drilling	\$0	Cor	npletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$54,450		npletion	\$0		Well		\$54,450	
_	'VD 60		0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	8		Perf:		112 //	PKR De		
Activity at Report Time								•	
Start End Hrs	From To	Activity Descri	ption						
06:00 06:00 24	.0 0 0.	) LOCATION IS 85	_	ETE. HAULIN	NG CLOSE	D LOOP MA	TERIAL.		
12-26-2011 Repo	rted By	ROBERT WILKI	NS						
DailyCosts: Drilling	\$0	Cor	npletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$54,450		npletion	\$0		Well		\$54,450	
_	'VD 60		0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	Ü		Perf:			PKR De		
Activity at Report Time	: LOCATION BUI	LD							
Start End Hrs	From To	Activity Descri	ption						
06:00 06:00 24		) LOCATION IS 90	•	ETE. HAULIN	NG CLOSE	D LOOP MA	TERIAL.		
12-27-2011 Repo	rted By	ROBERT WILKI	NS						
DailyCosts: Drilling	\$0	Cor	npletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$54,450		npletion	\$0		Well		\$54,450	
_	<b>'VD</b> 60		0	Days	0	MW	0.0	Visc	0.0
		O		•					
Formation :	PBTD	: 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Formation : Activity at Report Time				Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Time			ption	Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Time	: LOCATION BUI	LD	_		ERIAL FOR	CLOSED LO		<b>pth</b> : 0.0	
Activity at Report Time Start End Hrs 06:00 06:00 24	: LOCATION BUI	LD  Activity Descri	R RIG, HA		ERIAL FOR	CLOSED LO		<b>pth:</b> 0.0	
Start         End         Hrs           06:00         06:00         24           12-28-2011         Repo	From To	Activity Descri ) WAITING ON AI ROBERT WILKII	R RIG, HA		ERIAL FOR			<b>pth:</b> 0.0	
Activity at Report Time  Start End Hrs  06:00 06:00 24  12-28-2011 Repo  DailyCosts: Drilling	From To  0 0 0	Activity Descri WAITING ON AI ROBERT WILKII Cor	R RIG, HA	ULING MATE	ERIAL FOR		OOP.		
Activity at Report Time Start End Hrs 06:00 06:00 24  12–28–2011 Repo DailyCosts: Drilling Cum Costs: Drilling	: LOCATION BUI From To .0 0 0 orted By \$0 \$54,450	Activity Descri  WAITING ON AI  ROBERT WILKII  Cor  Cor	R RIG, HA	ULING MATE \$0 \$0	ERIAL FOR	Daily Well	OOP.	\$0 \$54,450	0.0
Activity at Report Time  Start End Hrs  06:00 06:00 24  12–28–2011 Repo  DailyCosts: Drilling  Cum Costs: Drilling  MD 60 T	E LOCATION BUIL  From To  .0 0 0  orted By  \$0  \$54,450	Activity Descri WAITING ON AI ROBERT WILKII Cor Cor Progress	R RIG, HA  NS  npletion  npletion	ULING MATE		Daily	OOP. Total Total	\$0 \$54,450 <b>Visc</b>	0.0
Activity at Report Time Start End Hrs 06:00 06:00 24  12–28–2011 Repo DailyCosts: Drilling Cum Costs: Drilling	** LOCATION BUILT**  **From To** .0 0 0  **rted By  **\$0  **54,450  **VD 60  **PBTD**	Activity Descri WAITING ON AI ROBERT WILKII Cor Cor Progress 2: 0.0	R RIG, HA  NS  npletion  npletion	ULING MATE \$0 \$0 <b>Days</b>		Daily Well	OOP.  Total  Total  0.0	\$0 \$54,450 <b>Visc</b>	0.0
Activity at Report Time  Start End Hrs  06:00 06:00 24  12-28-2011 Repo  DailyCosts: Drilling  Cum Costs: Drilling  MD 60 T  Formation:  Activity at Report Time	** LOCATION BUILT**  **From To** 0 0 0  **orted By  **\$0  **\$54,450  **VD 60  **PBTD** **LOCATION BUILT** **LOCATION BUILT**	Activity Descri WAITING ON AI ROBERT WILKII Cor Cor Progress 1: 0.0	R RIG, HA NS npletion npletion	ULING MATE \$0 \$0 <b>Days</b>		Daily Well	OOP.  Total  Total  0.0	\$0 \$54,450 <b>Visc</b>	0.0
Activity at Report Time  Start End Hrs  06:00 06:00 24  12-28-2011 Repo  DailyCosts: Drilling  Cum Costs: Drilling  MD 60 T  Formation:  Activity at Report Time	** LOCATION BUILT**  **From To**  .0 0 0  orted By  \$0 \$54,450  **VD 60  **PBTD**  **LOCATION BUILT**  **From To**	Activity Descri WAITING ON AI ROBERT WILKII Cor Cor Progress 2: 0.0	R RIG, HA  NS  npletion  0  ption	\$0 \$0 Days	0	Daily Well MW	OOP.  Total  Total  0.0	\$0 \$54,450 <b>Visc</b>	0.0
Activity at Report Time  Start End Hrs  06:00 06:00 24  12-28-2011 Repo  DailyCosts: Drilling  Cum Costs: Drilling  MD 60 T  Formation:  Activity at Report Time  Start End Hrs  06:00 06:00 24	** LOCATION BUILT**  **From To**  .0 0 0  orted By  \$0 \$54,450  **VD 60  **PBTD**  **LOCATION BUILT**  **From To**	Activity Descri	R RIG, HA  NS  npletion  0  ption	\$0 \$0 Days	0	Daily Well MW	OOP.  Total  Total  0.0	\$0 \$54,450 <b>Visc</b>	0.0
Activity at Report Time Start End Hrs 06:00 06:00 24  12–28–2011 Repo DailyCosts: Drilling Cum Costs: Drilling MD 60 T Formation: Activity at Report Time Start End Hrs 06:00 06:00 24  01–09–2012 Repo	### LOCATION BUILDED    From   To	Activity Descri  WAITING ON AI  ROBERT WILKII  Cor  Cor  Progress  : 0.0  LD  Activity Descri  LOCATION IS 10  KYLAN COOK	R RIG, HA NS npletion 0 ption 00%. FINIS	SO SO Days Perf:	0	Daily Well MW DDAY.	OOP. Total Total 0.0 PKR De	\$0 \$54,450 <b>Visc</b> <b>pth</b> : 0.0	0.0
Activity at Report Time Start End Hrs 06:00 06:00 24  12–28–2011 Repo DailyCosts: Drilling Cum Costs: Drilling MD 60 T Formation: Activity at Report Time Start End Hrs 06:00 06:00 24  01–09–2012 Repo DailyCosts: Drilling	## LOCATION BUILT	Activity Descri O WAITING ON AI ROBERT WILKII Cor Cor Progress O: 0.0 LD Activity Descri D LOCATION IS 10 KYLAN COOK	R RIG, HA  NS  npletion  0  ption  00%. FINIS	\$0 \$0 Days	0	Daily Well ' MW DDAY.	OOP. Total Total 0.0 PKR De	\$0 \$54,450 <b>Visc</b> <b>pth:</b> 0.0	0.0
Activity at Report Time Start End Hrs 06:00 06:00 24  12–28–2011 Repo DailyCosts: Drilling Cum Costs: Drilling MD 60 T Formation: Activity at Report Time Start End Hrs 06:00 06:00 24  01–09–2012 Repo DailyCosts: Drilling Cum Costs: Drilling	**ELOCATION BUILTS**  **From To** **O** **	Activity Descri O WAITING ON AI ROBERT WILKII Cor Cor Progress O: 0.0 LD Activity Descri O LOCATION IS 10 KYLAN COOK Cor Cor	R RIG, HA NS npletion 0 ption 00%. FINIS npletion npletion	SO SO Perf:  ### UP CLOSE  \$0 \$0 \$0 \$0 \$0 \$0	0 D LOOP TO	Daily Well MW DDAY. Daily Well	Total  O.O  PKR De	\$0 \$54,450 <b>Visc</b> <b>pth</b> : 0.0	
Activity at Report Time Start End Hrs 06:00 06:00 24  12–28–2011 Repo DailyCosts: Drilling Cum Costs: Drilling MD 60 T Formation: Activity at Report Time Start End Hrs 06:00 06:00 24  01–09–2012 Repo DailyCosts: Drilling Cum Costs: Drilling	E LOCATION BUIL  From To  .0 0 0  orted By \$0 \$54,450  VD 60  PBTD  E LOCATION BUIL  From To  .0 0 0  orted By \$10,614	Activity Descri  WAITING ON AI  ROBERT WILKII  Cor  Cor  Progress  1: 0.0  LD  Activity Descri  LOCATION IS 10  KYLAN COOK  Cor  Cor  Progress	R RIG, HA  NS  npletion  0  ption  00%. FINIS	\$0 \$0 Days Perf:  H UP CLOSEI	0	Daily Well ' MW DDAY.	OOP. Total Total 0.0 PKR De	\$0 \$54,450 <b>Visc</b> <b>pth:</b> 0.0 \$10,614 \$65,064 <b>Visc</b>	0.0

Sundry Number: 25981 API Well Number: 43047517420000 Well Name: CWU 1541-26D Field: CHAPITA DEEP Property: 066343 17:00 02:00 9.0 0 0 MIRU ON CWU 1541-26D. 02:30 0 0 RIG ON DAY WORK @ 02:00 AM ON 01/09/2012. 02:00 0.5 TALLY BHA. WELL PREDRILLED FROM 79' TO 319' KOP. THIS WELL PLANNED AZIMUTH 38.81\*, INC 6.50\*. MUD MOTOR 1.75 DEGREE BEND, RPG .16, BIT TO BEND 7.04', BIT TO MWD 59'. 0 PICK UP BHA AND ORIENT MWD. TRIP IN HOLE TO 319' KOP. 02:30 06:00 3.5 0 ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED. SAFTEY MEETING: RIGGING UP. FUEL USED 100 GALLONS. 01-10-2012 Reported By KYLAN COOK \$26,889 \$0 \$26,889 DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** \$91,953 \$0 **Well Total** \$91,953 Completion MD 776 **TVD** 775 0 MW0.0 Visc 0.0 457 **Progress** Days **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: PUMP REPAIR - DRILLING SURFACE Start From To **Activity Description** End Hrs 06:00 07:30 1.5 0 0 FINISH TRIPPING IN HOLE TO 319' KOP. 15:00 506 DRILL ROTATE AND SLIDE FROM 319' TO 506'. MWD FAILURE. 07:30 7.5 319 15:00 21:00 6.0 0 0 TRIP OUT OF HOLE TO MWD. CHANGE OUT MWD. TRIP BACK TO BOTTOM. 596 DRILL ROTATE AND SLIDE FROM 506' TO 596'. 21:00 23:30 2.5 506 23:30 00:30 0 WORK ON PUMP. 1.0 0 776 DRILL ROTATE AND SLIDE FROM 596' TO 776'. 180'. ROP 40' FPH. 00:30 05:00 596 4.5 WOB ROTATE 8K, WOB SLIDE 10K. ROTARY RPM 40, MOTOR RPM 85. PUMP STROKES 140, GPM 532. PSI 550, DIFF PSI 50. 3' HIGH AND 1' RIGHT OF LINE. ROTATE 60% SLIDE 40%. TFO 10R. 0 WORK ON PUMP. 05:00 06:00 1.0 0 ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED. SAFTEY MEETINGS: TRIPPING PIPE AND CLEAN WORK SPACE. FUEL USED 750 GALLONS. KYLAN COOK 01-11-2012 Reported By

DailyCosts: Drilling \$30,403 Completion \$0 **Daily Total** \$30,403 \$122,356 **Cum Costs: Drilling** \$122,356 Completion \$0 **Well Total** 1,466 1,460 0.0 0.0 MD **TVD Progress** MWVisc **Days** Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING @ 1466'

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	0	0	WORK ON PUMP.
06:30	18:00	11.5	776	1139	DRILL ROTATE AND SLIDE FROM 776' TO 1136'. 360'. ROP 31.3' FPH.
					WOB ROTATE 10K, WOB SLIDE 12K. ROTARY RPM 50, MOTOR RPM 83. PUMP STROKES 138, GPM 524. PSI 900, DIFF PSI 150. 9' HIGH AND 1' RIGHT OF LINE. ROTATE 88% SLIDE 12%. TFO 150L.

18:00 06:00 12.0 1139 1466 DRILL ROTATE AND SLIDE FROM 1136' TO 1466'. 330'. ROP 27.5' FPH.

WOB ROTATE 10K, WOB SLIDE 16K. ROTARY RPM 45, MOTOR RPM 83. PUMP STROKES 138, GPM 524. PSI 950, DIFF PSI 150. 13' HIGH AND 2' LEFT OF LINE. ROTATE 91% SLIDE 9%. TFO 130R.

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: PUMP REPAIRS AND PINCH POINTS.

FUEL USED 900 GALLONS.

01-12-2012	Re	eported By	K	YLAN COOK							
DailyCosts: D	rilling	\$27,057		Con	pletion	\$0		Daily	Total	\$27,057	
Cum Costs: Drilling \$149,413			<b>Completion</b> \$0				Well Total				
MD	1,946	TVD	1,936	Progress	480	Days	0	MW	0.0	Visc	0.0
Formation: PBTD			BTD : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING @ 1946'

Start	End	Hrs	From	To	Activity Description
06:00	07:00	1.0	1466	1496	DRILL ROTATE AND SLIDE FROM 1466' TO 1496'. LOST FULL RETURNS AT 1476'.
07:00	10:30	3.5	0	0	CLEAN MUD TANKS AND REFILL ALL 400 BBL TANKS WITH WATER.
10:30	18:00	7.5	1496	1616	DRILL ROTATE AND SLIDE FROM 1496' TO 1616'. 120'. ROP 16' FPH. (95% RETURNS BACK @ 1500')
					WOB ROTATE 10K, WOB SLIDE 15K. ROTARY RPM 60, MOTOR RPM 83. PUMP STROKES 138, GPM 524. PSI 950, DIFF PSI 100. 15.7' HIGH AND 2.7' LEFT OF LINE. ROTATE 84.5% SLIDE 15.5%. TFO 100L.
18:00	06:00	12.0	1616	1946	DRILL ROTATE AND SLIDE FROM 1616' TO 1946'. 330'. ROP 27.5' FPH.
					WOB ROTATE 9K, WOB SLIDE 15K. ROTARY RPM 40, MOTOR RPM 83. PUMP STROKES 138, GPM 524. PSI 900, DIFF PSI 100. 18' HIGH AND 12' LEFT OF LINE. ROTATE 99% SLIDE 1%. TFO 130R.
					ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19' NO ACCIDENTS REPORTED.
					SAFTEY MEETINGS: GOOD HOUSE KEEPING AND MAKING CONNECTIONS.

01-13-2012	Re	ported By	K	YLAN COOK							
DailyCosts: I	Prilling	\$42,83	36	Com	pletion	\$0		Daily	Total	\$42,836	
Cum Costs: I	Orilling	\$192,2	249	Com	pletion	\$0		Well	Total	\$192,249	
MD	2,244	TVD	2,230	Progress	298	Days	0	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	

FUEL USED 1100 GALLONS.

Activity at Report Time: TOH FOR SURFACE CSG

Start	End	Hrs	From	To	Activity Description
06:00	18:30	12.5	1946	2244	DRILL ROTATE FROM 1946' TO 2244'. 298'. ROP 23.8' FPH.
					WOB ROTATE 12K. ROTARY RPM 60, MOTOR RPM 83. PUMP STROKES 138, GPM 524. PSI 950, DIFF PSI 100. 33' HIGH AND 14' LEFT OF LINE. ROTATE 100% SLIDE 0%.
18:30	20:00	1.5	0	0	CIRCULATE FOR WIPER TRIP.
20:00	00:30	4.5	0	0	TRIP OUT OF HOLE WITH DIRECTIONAL TOOLS.
00:30	04:00	3.5	0	0	TALLY BHA WITH TRI-CONE AND REAMER. TRIP BACK TO BOTTOM.
04:00	05:30	1.5	0	0	CIRCULATE TO TRIP OUT OF HOLE AND RUN CASING.
05:30	06:00	0.5	0	0	TRIP OUT OF HOLE TO RUN CASING.

ALL SURVEYS AND DEPTHS ADJUSTED TO TRUE #34 RKB=19'

NO ACCIDENTS REPORTED.

SAFTEY MEETINGS: DRILLING PROCEDURES AND TRIPPING OUT.

FUEL USED 1150 GALLONS.

01-14-2	2012	Repo	rted By			KYLAN COOK							
DailyCo	sts: Drilli	ing	\$106	5,004		Con	npletion	\$0		Dail	y Total	\$106,004	
Cum Co	sts: Drill	ing	\$298	8,254		Con	npletion	\$0		Well	Total	\$298,254	
MD	2,24	14 <b>T</b>	VD	2	2,230	Progress	0	Days	0	MW	0.0	Visc	0.0
Formati	on:			PBT	ΓD :	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	: WORT										
Start	End	Hrs	From	То		Activity Descri	ption						
06:00	09:00	3.	.0	0	0	TRIP OUT OF HO	OLE TO R	JN CASING.					
09:00	11:00	2.	.0	0	0	RIG UP TO RUN	CASING.						
11:00	14:30	3.	.5	0		RUN 53 JTS (221 AND FLOAT CO AND #3 THEN E 2220.26' TVD / 22	LLAR. 12 VERY 5TH	CENTRALIZE I COLLAR TO	ERS SPACE	D 10' FROM	THE SHOE,	ON TOP OF JO	OINTS #2
14:30	15:00	0.	.5	0	0	RUN 200' OF 1" I	PIPE.						
15:00	16:00	1.	.0	0	0	RDMO CRAIG'S	PRESET I	RIG. RELEAS	E RIG @ 10	5:00 PM ON	01/13/12. MO	VING TO CWU	J 1544–26I
16:00	06:00	14.	0	0	0	ALL SURVEYS A NO ACCIDENTS SAFTEY MEETII FUEL USED 150 CEMENT JOB: M LINES AND CEM WATER FLUSH A LEAD: MIXED A VERSASET, 2% 0 YIELD OF 4.1 CH WITH 2% CACLA CEMENT WITH FLOAT HELD. SI LEAD CEMENT LEAD CEMENT	REPORTE NGS: TRIF GALLON; MIRU HAL MENT VAL AHEAD OI  AND PUME CAL-SEA F/SX. TAIL MIXED T 168 BBLS HUT-IN C TO SURF	ED. PING PIPE A: S. LIBURTON C VE TO 3000 P F CEMENT. PED 250 SACK L, AND 2% EC .: MIXED ANI TAIL CEMEN' FRESH WATE ASING VALV ACE 87 BBLS	ND RUNNI EMENTER SIG. PUMI  CONOLITE D PUMPED T @ 15.6 PI ER. BUMPE E. BROKE INTO DISF	NG CASING S. HELD SA PED 10 BBL  LS) OF PREI MIXED LE 300 SACKS PG WITH YE D PLUG WI CIRCULATI	G. FETY MEET S FRESH WA' MIUM LEAD EAD CEMENT (63 BBLS) O ELD OF 1.2 C TH 1261# @ ON 41 BBLS	CEMENT WIT  CEMENT WIT  CEMENT WIT  CEMENT WIT  FOR 10.5 PPG V  FOR 10.5 PPG V  TO SEN 10.5 PM ON CEMENTO LEAD CEMENT	S GELLED TH 0.3% WITH CEMENT CED 01/13/12. TEMENT,
						TOP JOB #1: PUN CEMENT WITH CEMENT TO SU PREPARED LOC	2% CACL. RFACE. H	2. MIXED CEI OLE STOOD I	MENT @ 1: FULL.	5.8 PPG WIT	'H YIELD OF	1.15 CF/SX. G	OOD
02-29-2	2012	Dana	rted By		:	ACTIVITY.  KYLAN COOK N 01/12/12 @ 11:55 THE SURFACE C BILL SNAPP	AM. KYL	AN COOK NO	OTIFIED CA	AROL DANI	ELS WITH U		

Sundry Number: 25981 API Well Number: 43047517420000

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

DailyCosts: Drilling \$78,389		3,389	Con	npletion	\$0		Daily	Total	\$78,389		
<b>Cum Costs</b>	: Drilling	\$37	6,643	Con	npletion	\$0		Well 7	<b>Fotal</b>	\$376,643	
MD	2,679	TVD	2,575	Progress	435	Days	1	MW	9.7	Visc	33.0
Formation	:		<b>PBTD</b> : 0	.0		Perf:			PKR Der	oth: 0.0	

Activity at Report Time: DRILLING @ 2679'

Start	End	Hrs	From T	o Activity Description
10:00	11:00	1.0	0	0 SKID RIG FROM THE CWU 1545–26D.
11:00	12:00	1.0	0	0 RIGGING UP.
12:00	14:00	2.0	0	0 NIPPLE UP BOP. (RIG EXCEPTED @ 12:00 HRS. 2/28/2012)
14:00	18:00	4.0	0	0 TEST UPPER & LOWER KELLY VALVES, FLOOR VALVES, CHOKE VALVES, CHOKE MANIFOLD, CHECK VALVE, PIPE RAMS & BLIND RAMS TO 5000 PSI HIGH, 250 LOW, ANNULAR 2500 PSI HIGH, 250 LOW, CASING 1500 PSI.
18:00	19:30	1.5	0	0 PICK UP DIRECTIONAL TOOLS & ORIENT MWD.
19:30	20:30	1.0	0	0 TIH W/ BHA & DRILLPIPE, TAG CEMENT @ 2177'.
20:30	21:00	0.5	0	0 INSTALL ROTATING HEAD RUBBER
21:00	22:00	1.0	0	0 SLIP & CUT DRILL LINE
22:00	23:30	1.5	2244	2254 DRILL CEMENT/FLOAT EQUIP. & 10' OF NEW HOLE.
23:30	00:00	0.5	0	0 PREFORM F.I.T. @ 2254' W/ 9.8 PPG HELD 75 PSI= 10.4 PPG EQUIVILANT MUD WT.
00:00	06:00	6.0	2254	2679 ROTATE & SLIDE 2254' TO 2679' =425', ROP 70.8 FPH,WOB 15–25K, RPM 55/65, MM 68, SPP 1525 PSI, DIFF. 200–400, 454 GPM. 96.2% ROTATE, 3.8% SLIDE.

NO INCIDENT NO ACCIDENT

FULL CREW

SAFETY MEETING, SKIDDING RIG, CHECKING RIG AFTER SKID

FUEL TRANSFERED FROM CWU 1545-26D, 3762 GALS, RCVD 7201 GAL.

FUEL ON HAND: 9918GAL. USED: 1045 GAL.

0 SPUD 7 78" HOLE @ 00:00 HRS, 02/29/2012.

03-01-2012 Reported By BILL SNAPP DailyCosts: Drilling \$33,868 **Daily Total** \$33,868 Completion \$0 **Cum Costs: Drilling** \$410,512 Completion \$0 **Well Total** \$410,512 MD 4,700 TVD 2,021 2 MW10.2 34.0 4,683 **Progress** Days Visc **Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: DRILLING AHEAD@ 4700'

06:00

Start	End	Hrs	From	To	Activity Description
06:00	14:00	8.0	2679	3523	ROTATE & SLIDE 2679' TO 3523' = 844', ROP 105.5 FPH,WOB 15–25K, RPM 55/65, MM 68, SPP 1825 PSI, DIFF. 200–400, 454 GPM. 94.2% ROTATE, 5.8% SLIDE.
14:00	14:30	0.5	0	3523	SERVICE RIG
14:30	06:00	15.5	3523	4700	ROTATE & SLIDE 3523' TO 4700' =1177', ROP 75.9 FPH,WOB 15–25K, RPM 55/65, MM 68, SPP 1950 PSI, DIFF. 200–400, 454 GPM. 81.5% ROTATE, 18.5% SLIDE.

NO INCIDENT NO ACCIDENT

FULL CREWS

BOP DRILL BOTH CREWS

SAFETY MEETING, WORKING ON STEAM HAETER, FLAMABLE CHEMICALS & LIQUIDS

02 02 0	2012	ъ	. ID		BILL SNAPP							
03-02-2		Repor	-									
-	osts: Drilli	_	\$32,93	33		npletion	\$0		-	y Total	\$32,933	
Cum Co	osts: Drilli	ng	\$443,	446	Con	npletion	\$0		Well	Total	\$443,446	
MD	5,76	5 <b>TV</b>	/ <b>D</b>	5,74	8 Progress	1,065	Days	3	MW	10.4	Visc	34.0
Formati	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Report	t Time:	DRILLIN	IG @ 570	65'							
Start	End	Hrs	From	To	<b>Activity Descri</b>	ption						
06:00	13:30	7.5	4700	5079	ROTATE & SLID PSI, DIFF. 200–40							SPP 2190
13:30	14:00	0.5	0	5079	SERVICE RIG.							
14:00	06:00	16.0	5079	5765	ROTATE & SLID PSI, DIFF. 200–40 MUD@ 5420'.							
					NO INCIDENT N	O ACCIDE	ENT					
					FULL CREWS		. =					
					BOP DRILL BOT	H CREWS						
					SAFETY MEETI			FLOOR, B	LOWOUT F	REVENTION	1.	
					FUEL ON HAND	: 6270 GA	L. USED: 1824	GAL.				
03-03-2	2012	Repor	ted By		BILL SNAPP							
DailvCo	osts: Drilli	ng	\$39,4	76	Con	npletion	\$0		Daily	y Total	\$39,476	
-		_	\$482,9			npletion	\$0		·	Total	\$482,922	
Cum Ca												
		_		6.76		-	Dave	4	MW		Vice	33 (
MD	6,78	_	/ <b>D</b>	6,763	3 Progress	1,015	Days	4	MW	10.6	Visc	33.0
MD Formati	6,78	0 <b>TV</b>	/ <b>D</b>	PBTD	3 Progress: 0.0	-	Days Perf:	4	MW			33.0
MD Formati Activity	6,78 <b>ion :</b>	0 <b>TV</b>	/ <b>D</b>	<b>PBTD</b> NG @ 678	3 Progress: 0.0	1,015	•	4	MW	10.6		33.0
MD Formati Activity	6,78 ion: at Report	0 TV	DRILLIN	PBTD  NG @ 678  To	3 <b>Progress</b> : 0.0	1,015 <b>ption</b> E 5765' TO	<b>Perf:</b> 6138' =373', F	OP 46.6 F	PH,WOB 15-	10.6 <b>PKR Dep</b> -25K, RPM 5	oth: 0.0	
MD Formati Activity Start	6,78 ion : at Report End	0 TV t Time: Hrs	DRILLIN From 5765	PBTD NG @ 678 To 6138	3 Progress : 0.0 80' Activity Descri	1,015 <b>ption</b> E 5765' TO	<b>Perf:</b> 6138' =373', F	OP 46.6 F	PH,WOB 15-	10.6 <b>PKR Dep</b> -25K, RPM 5	oth: 0.0	
MD Formati Activity Start 06:00	6,78 ion: v at Report End 14:00	0 TV t Time: Hrs 8.0	DRILLIN From 5765	PBTD NG @ 678 To 6138	3 Progress : 0.0 80' Activity Descri ROTATE & SLID PSI, DIFF. 200–40	1,015 <b>ption</b> E 5765' TO 00, 454 GP	Perf: 6138' =373', FM. 95.2% ROTA 6780' =642', F	OP 46.6 F ATE, 4.8% OP 41.4 F	PH,WOB 15- SLIDE. BUC PH,WOB 15	10.6  PKR Dep  -25K, RPM 50  CK CANYON  -25K, RPM 5	oth: 0.0 0/65, MM 68, 8 @ 5916'.	SPP 2200
MD Formati Activity Start 06:00 14:00	6,78 ion: vat Report End 14:00 14:30	0 TV t Time: Hrs 8.0	DRILLIN From 5765	PBTD NG @ 678 To 6138	3 Progress : 0.0 80' Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID	1,015 <b>ption</b> E 5765' TO 00, 454 GP	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA	OP 46.6 F ATE, 4.8% OP 41.4 F	PH,WOB 15- SLIDE. BUC PH,WOB 15	10.6  PKR Dep  -25K, RPM 50  CK CANYON  -25K, RPM 5	oth: 0.0 0/65, MM 68, 8 @ 5916'.	SPP 2200
MD Formati Activity Start 06:00 14:00	6,78 ion: vat Report End 14:00 14:30	0 TV t Time: Hrs 8.0	DRILLIN From 5765	PBTD NG @ 678 To 6138	3 Progress : 0.0 80' Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID PSI, DIFF. 200–40	1,015 <b>ption</b> E 5765' TO 00, 454 GP	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA	OP 46.6 F ATE, 4.8% OP 41.4 F	PH,WOB 15- SLIDE. BUC PH,WOB 15	10.6  PKR Dep  -25K, RPM 50  CK CANYON  -25K, RPM 5	oth: 0.0 0/65, MM 68, 8 @ 5916'.	SPP 2200
MD Formati Activity Start 06:00 14:00	6,78 ion: vat Report End 14:00 14:30	0 TV t Time: Hrs 8.0	DRILLIN From 5765	PBTD NG @ 678 To 6138	3 Progress : 0.0 80' Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID PSI, DIFF. 200–40 NO INCIDENT N	1,015  ption E 5765' TO 00, 454 GP E 6138' TO 00, 454 GP	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA	OP 46.6 F ATE, 4.8% OP 41.4 F	PH,WOB 15- SLIDE. BUC PH,WOB 15	10.6  PKR Dep  -25K, RPM 50  CK CANYON  -25K, RPM 5	oth: 0.0 0/65, MM 68, 8 @ 5916'.	SPP 2200
MD Formati Activity Start 06:00 14:00	6,78 ion: vat Report End 14:00 14:30	0 TV t Time: Hrs 8.0	DRILLIN From 5765	PBTD NG @ 678 To 6138	3 Progress : 0.0 80' Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID PSI, DIFF. 200–40 NO INCIDENT N FULL CREWS	1,015  ption E 5765' TO 00, 454 GP E 6138' TO 00, 454 GP	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA	OP 46.6 F ATE, 4.8% OP 41.4 F TE, 0% SL	PH,WOB 15- SLIDE. BUC PH,WOB 15 IDE. NORTI	10.6  PKR Dep  -25K, RPM 56 CK CANYON  -25K, RPM 56 H HORN @ 6	oth: 0.0 0/65, MM 68, 8 @ 5916'. 60/65, MM 68, 622'.	SPP 2200
MD Formati Activity Start 06:00 14:00	6,78 ion: vat Report End 14:00 14:30	0 TV t Time: Hrs 8.0	DRILLIN From 5765	PBTD NG @ 678 To 6138	3 Progress : 0.0 80' Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID PSI, DIFF. 200–40 NO INCIDENT N FULL CREWS BOP DRILL BOT	1,015  ption E 5765' TO 00, 454 GP E 6138' TO 00, 454 GP TO ACCIDE TH CREWS	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA ENT	OP 46.6 FI ATE, 4.8% OP 41.4 F TE, 0% SI	PH,WOB 15- SLIDE. BUC PH,WOB 15 IDE. NORTI	10.6  PKR Dep  -25K, RPM 56 CK CANYON  -25K, RPM 56 H HORN @ 6	oth: 0.0 0/65, MM 68, 8 @ 5916'. 60/65, MM 68, 622'.	SPP 2200
MD Formati Activity Start 06:00 14:00 14:30	6,78 ion: v at Report End 14:00 14:30 06:00	0 TV t Time: Hrs 8.0	DRILLIN From 5765 0 6138	PBTD NG @ 678 To 6138	3 Progress : 0.0 80'  Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID PSI, DIFF. 200–40 NO INCIDENT N FULL CREWS BOP DRILL BOT SAFETY MEETI	1,015  ption E 5765' TO 00, 454 GP E 6138' TO 00, 454 GP TO ACCIDE TH CREWS	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA ENT	OP 46.6 FI ATE, 4.8% OP 41.4 F TE, 0% SI	PH,WOB 15- SLIDE. BUC PH,WOB 15 IDE. NORTI	10.6  PKR Dep  -25K, RPM 56 CK CANYON  -25K, RPM 56 H HORN @ 6	oth: 0.0 0/65, MM 68, 8 @ 5916'. 60/65, MM 68, 622'.	SPP 2200
MD Formati Activity Start 06:00 14:00 14:30	6,78 ion: r at Report End 14:00 14:30 06:00	0 TV t Time: Hrs 8.0 0.5.5	DRILLIN From 5765 0 6138	PBTD NG @ 678 To 6138 6138 6780	3 Progress : 0.0 80'  Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID PSI, DIFF. 200–40 NO INCIDENT N FULL CREWS BOP DRILL BOT SAFETY MEETII FUEL ON HAND BILL SNAPP	1,015  ption E 5765' TO 00, 454 GP E 6138' TO 00, 454 GP TO ACCIDE TH CREWS	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA ENT	OP 46.6 FI ATE, 4.8% OP 41.4 F TE, 0% SI	PH,WOB 15- SLIDE. BUC PH,WOB 15 IDE. NORT	10.6  PKR Dep  -25K, RPM 56 CK CANYON  -25K, RPM 56 H HORN @ 6	oth: 0.0 0/65, MM 68, 8 @ 5916'. 60/65, MM 68, 622'.	SPP 2200
MD Formati Activity Start 06:00 14:00 14:30	6,78 ion: r at Report End 14:00 06:00	Time: Hrs 8.0 0.5 15.5	DRILLIN From 5765 0 6138	PBTD NG @ 678 To 6138 6138 6780	3 Progress : 0.0 80' Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID PSI, DIFF. 200–40 NO INCIDENT N FULL CREWS BOP DRILL BOT SAFETY MEETI FUEL ON HAND BILL SNAPP Con	1,015  ption E 5765' TO 00, 454 GP E 6138' TO 00, 454 GP TO ACCIDE TH CREWS NG, GETT	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA ENT ENT LING TOO COM L. USED: 1881	OP 46.6 FI ATE, 4.8% OP 41.4 F TE, 0% SI	PH,WOB 15- SLIDE. BUC PH,WOB 15 IDE. NORT T, BLOWDO Daily	10.6  PKR Dep  -25K, RPM 56 CK CANYON  -25K, RPM 56 H HORN @ 66	0/65, MM 68, 5 @ 5916'. 60/65, MM 68, 622'.	SPP 2200
Start 06:00 14:00 14:30 03-04-2 DailyCo	6,78 ion: r at Report End 14:00 14:30 06:00	Time:  Hrs  8.0  0.5  15.5	DRILLIN From 5765 0 6138	PBTD NG @ 678 To 6138 6138 6780	3 Progress : 0.0 80'  Activity Descri ROTATE & SLID PSI, DIFF. 200–40 SERVICE RIG ROTATE & SLID PSI, DIFF. 200–40 NO INCIDENT N FULL CREWS BOP DRILL BOI SAFETY MEETII FUEL ON HAND BILL SNAPP  Con Con	1,015  ption E 5765' TO 00, 454 GP E 6138' TO 00, 454 GP TO ACCIDE TH CREWS NG, GETTI E 4389 GAI	Perf: 6138' =373', F M. 95.2% ROTA 6780' =642', F M. 100% ROTA ENT ENT ENG TOO COM L. USED: 1881	OP 46.6 FI ATE, 4.8% OP 41.4 F TE, 0% SI	PH,WOB 15- SLIDE. BUC PH,WOB 15 IDE. NORT T, BLOWDO Daily	10.6  PKR Dep  -25K, RPM 56 CK CANYON  -25K, RPM 56 H HORN @ 6	0/65, MM 68, 8 @ 5916'. 60/65, MM 68, 622'.	SPP 2200

Page 8

Start	End	Hrs	From	To	<b>Activity Description</b>					
06:00	14:00	8.0	6780	7076	ROTATE & SLIDE 6780' TO DIFF. 200–400, 454 GPM. 9					PP 2300 PSI,
14:00	14:30	0.5	0	7076	SERVICE RIG					
14:30	06:00	15.5	7076	7510	ROTATE & SLIDE 7076' TO DIFF. 200–400, 454 GPM. 9				50/65, MM 68, S	PP 2350 PSI,
					NO INCIDENT NO ACCID	ENT				
					FULL CREWS					
					BOP DRILL BOTH CREWS	\$				
					SAFETY MEETING, CLOS	ING MUD PUN	ИР IN, FOI	RKLIFT SAFETY.		
					FUEL ON HAND: 2508 GA	L. USED: 1881	GAL.			
03-05-	2012	Repor	ted By		BILL SNAPP					
DailyCo	osts: Drilli	ng	\$39,6	45	Completion	\$0		<b>Daily Total</b>	\$39,645	
Cum C	osts: Drilli	ing	\$559,	149	Completion	\$6,468		Well Total	\$565,617	
MD	8,27	'5 <b>TV</b>	<b>/D</b>	8,25	8 <b>Progress</b> 765	Days	6	<b>MW</b> 11.4	Visc	38.0
Format	ion :			PBTD	: 0.0	Perf:		PKR I	<b>Depth:</b> 0.0	
Activity	at Repor	t Time:	DRILLIN	IG @ 82	75'					
Start	End	Hrs	From	To	<b>Activity Description</b>					
06:00	15:00	9.0	7510	7767	ROTATE & SLIDE 7510' TO PSI, DIFF. 200–400, 454 GE					SPP 2350
15:00	15.20	0.5								
15.00	15:30	0.5	0	7767	SERVICE RIG					
15:30	06:00	14.5			SERVICE RIG ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'					
					ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1	00% ROTATE,				
					ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'	00% ROTATE,				
					ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'	00% ROTATE,				
					ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209' NO INCIDENT NO ACCID FULL CREWS	00% ROTATE, ENT	0% SLIDE	. PRICE RIVER MIDDI		
					ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209' NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS	00% ROTATE, ENT S JND RODS, MA	0% SLIDE AKING CO	PRICE RIVER MIDDI		
	06:00		7767		ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'  NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS SAFETY MEETING, GROU	00% ROTATE, ENT S JND RODS, MA	0% SLIDE AKING CO	PRICE RIVER MIDDI		
15:30 03-06-	06:00	Repor	7767	8275	ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209' NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS SAFETY MEETING, GROU FUEL ON HAND: 8512 GA	00% ROTATE, ENT S JND RODS, MA	0% SLIDE AKING CO	PRICE RIVER MIDDI		
15:30 03-06- DailyCo	06:00	Repor	ted By	8275	ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'  NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS SAFETY MEETING, GROUF FUEL ON HAND: 8512 GAR	OO% ROTATE, ENT S UND RODS, MA L. USED: 1996	0% SLIDE AKING CO	PRICE RIVER MIDDI DNNECTIONS. TD 8000 GAL.	LE@ 7868'. LOS	
15:30 03-06- DailyCo	06:00 <b>2012</b> osts: Drilli	Repor ng	ted By \$73,4 \$632,	8275	ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'  NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS SAFETY MEETING, GROUF FUEL ON HAND: 8512 GA BILL SNAPP  Completion Completion	00% ROTATE, ENT S UND RODS, MA L. USED: 1996	0% SLIDE AKING CO	PRICE RIVER MIDDI ONNECTIONS. TD 8000 GAL. Daily Total	\$73,469 \$639,087	
03-06-3 Daily Co	06:00  2012  osts: Drilli 9,22	Repor ng	ted By \$73,4 \$632,	8275 69 618	ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'  NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS SAFETY MEETING, GROUF UEL ON HAND: 8512 GA  BILL SNAPP  Completion Completion 8 Progress 950	00% ROTATE, ENT S JND RODS, MA L. USED: 1996 \$0 \$6,468	0% SLIDE AKING CO GAL.RCV	ONNECTIONS. TO 8000 GAL.  Daily Total  Well Total  MW 11.6	\$73,469 \$639,087	T 25 BBL.
03-06-2 DailyCo Cum Co MD Format	06:00  2012  osts: Drilli 9,22	Reporting ing	ted By \$73,4 \$632,	8275 69 618 9,20 <b>PBTD</b>	ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'  NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS SAFETY MEETING, GROUF FUEL ON HAND: 8512 GA BILL SNAPP  Completion Completion 8 Progress 950 : 0.0	00% ROTATE, ENT S UND RODS, MA L. USED: 1996 \$0 \$6,468  Days	0% SLIDE AKING CO GAL.RCV	ONNECTIONS. TO 8000 GAL.  Daily Total  Well Total  MW 11.6	\$73,469 \$639,087 <b>Visc</b>	T 25 BBL.
03-06-2 DailyCo Cum Co MD Format	06:00  2012  osts: Drilli  9,22  ion:	Reporting ing	ted By \$73,4 \$632,	8275 69 618 9,20 <b>PBTD</b> NG @ 92	ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'  NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS SAFETY MEETING, GROUF FUEL ON HAND: 8512 GA BILL SNAPP  Completion Completion 8 Progress 950 : 0.0	00% ROTATE, ENT S UND RODS, MA L. USED: 1996 \$0 \$6,468  Days	0% SLIDE AKING CO GAL.RCV	ONNECTIONS. TO 8000 GAL.  Daily Total  Well Total  MW 11.6	\$73,469 \$639,087 <b>Visc</b>	T 25 BBL.
03-06-2 DailyCo Cum Co MD Format Activity	2012  costs: Drilli 9,22  ion:	Reporing ing t Time:	ted By \$73,4 \$632, /D DRILLIN From	8275 69 618 9,20 <b>PBTD</b> NG @ 92:	ROTATE & SLIDE 7767' TO DIFF. 200–400, 418 GPM. 1 MUD@ 8209'  NO INCIDENT NO ACCID FULL CREWS BOP DRILL BOTH CREWS SAFETY MEETING, GROUF UEL ON HAND: 8512 GA  BILL SNAPP  Completion Completion 8 Progress 950 : 0.0 25'	00% ROTATE, ENT S UND RODS, MA L. USED: 1996 \$0 \$6,468  Days Perf:	AKING CO GAL.RCV 7 ROP 38.6 F	DAILY TOTAL Well Total MW 11.6 PKR I	\$73,469 \$639,087 <b>Visc</b> <b>Depth:</b> 0.0	T 25 BBL.

16:00	06:00	14.0	8642	9225	ROTATE & SLID PSI, DIFF. 200–4 11.5 PPG. MUD V 8799'. FALLING SLOWLY TO 11. PPG. SEGO TOP	00, 418 GP WT. W/11.7 TO AND N 6 PPG. W/1	M. 100% ROTA 8 PPG. ECD, S MAINTAINING	TE, 0% SI TARTED ( 2'/3' BET	LIDE. LOWE GETTING LA WEEN CONI	R PRICE RIV AZY 10'/12' F N. GAS. INCI	YER@ 8650'. H FLARE FROM ( REASE MUD V	OLDING CONN. @ VT.
					NO INCIDENT N	NO ACCIDE	ENT					
					FULL CREWS							
					BOP DRILL BOT	TH CREWS						
					SAFETY MEETI	NG, LOCK	OUT/ TAGOUT	T, INSPEC	TING TONG	& SLIP DIES	S.	
					FUEL ON HAND	): 6278 GA	L. USED:2234	GAL.				
03-07-2	2012	Report	ed By		BILL SNAPP							
DailyCo	sts: Drilli	ng	\$65,5	05	Cor	npletion	\$0		Daily	Total	\$65,505	
Cum C	osts: Drilli	ing	\$698,	124	Cor	npletion	\$6,468		Well	Total	\$704,593	
MD	9,36	57 <b>TV</b>	D	9,349	Progress	142	Days	8	$\mathbf{M}\mathbf{W}$	11.7	Visc	38.0
Format	ion :			PBTD	: 0.0		Perf:			PKR Dep	oth: 0.0	
Activity	at Repor	t Time:	ГІН									
Start	End	Hrs	From	To	Activity Descri	ption						
06:00	10:00	4.0	9225	9334	ROTATE & SLID PSI, DIFF. 200–4 PPG. NO FLARE	00, 418 GP						
10:00	10:30	0.5	0	9334	SERVICE RIG.							
10:30	11:30	1.0	9334	9367	ROTATE & SLID DIFF. 200–400, 4 9367' MD. @ 11:	18 GPM. 10	00% ROTATE, 0	)% SLIDE	. MUD WT. T	TO 11.7 PPG.		
11:30	13:00	1.5	0	9367	CHECK FLOW, N BOTTOMS UP.	NO FLOW,	CIRRCULATE	& COND	ITION HOLE	FOR WIPER	TRIP. NO FLA	ARE WITH
13:00	17:30	4.5	0	9367	CHECK FLOW, I							FILL.
17:30	18:30	1.0	0	0	LAY DOWN DIR	ECTIONA	L TOOLS, PU I	BIT SUB A	ND SAME B	BIT #3.		
18:30	21:30	3.0	0	9367	TRIP IN HOLE, I TO 9367'.	NO HOLE I	PROBLEMS. PI	ICK UP DI	P TO REPLA	CE DIRECTI	ONAL TOOLS	. WASH 90'
21:30	23:00	1.5	0	9367	CIRCULATE 1 1/ RIG UP WEATH				RE W/BOTTO	OMS UP LAS	STING 15 MIN.	PJSM AND
23:00	05:00	6.0	0	0	CHECK FLOW P	PUMP SLU	G, LAY DOWN	DRILL P	IPE.			
05:00	06:00	1.0	0	0	PJSM, AND RIG	UP WEATI	HERFORD CAS	SING CRE	EW.			
					NO INCIDENT N	NO ACCIDE	ENT					
					FULL CREWS							
					BOP DRILL BOT							
					SAFETY MEETI				PS, LDDP.			
	•				FUEL ON HAND			JAL.				
03-08-2		Report	-		JOHNNY TURNI							
-	sts: Drilli	_	\$30,7			npletion	\$163,702		•	Total	\$194,492	
Cum Co	osts: Drilli	ing	\$728,	914	Cor	npletion	\$170,171		Well	Total	\$899,085	
MD	9,36	57 <b>TV</b>	D	9,350	Progress	0	Days	9	MW	11.7	Visc	38.0

**Formation: PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: RDRT/WO COMPLETION **Activity Description** Start End Hrs From To 0 RUN TOTAL OF 208 JTS OF CASING ( 206 FULL JTS OF 4.5", 11.6#, N-80, LT&C + 2 MARKER 06:00 13:30 7.5 JOINTS 11.6#, P-110, LT&C) AS FOLLOWS: FLOAT SHOE, 1 JT CASING, FLOAT COLLAR, 51 JTS OF CASING, MARKER JOINT @ TOP OF PRICE RIVER, 60 JTS, CASING, MARKER JOINT, @ 400' ABOVE WASATCH, 94 JTS CASING. RAN 3 TURBILIZERS (5' ABOVE SHOE AND MIDDLE OF JTS #2 & #3) + 1 BOW CENTRALIZER EVERY 3RD JOINT THEREAFTER TO 400' ABOVE WASATCH (TOTAL OF 40) TAG BOTTOM , LAY DOWN TAG JOINT, PICK UP MANDREL & LAND CASING W/ 80# STRING WEIGHT @ 9356'. HAD TO WASH 8" TO BOTTOM. CASING LANDED AS FOLLOWS (DEPTHS SHOWN ARE TOPS OF COMPONENTS UNLESS OTHERWISE STATED): FLOAT SHOE (BOTTOM): 9356' FLOAT COLLAR: 93087 MARKER JOINT: 6879' MARKER JOINT: 4255' 16:00 0 CIRCULATE CASING ON BOTTOM. RIG DOWN CASERS. HOLD PJSM W/ HALLIBURTON, & RIG 13:30 2.5 0 HALLIBURTON UP. PUMP LAST 200 BBLS W/ .5 GPT W/ XCIDE. NO FLARE W/ BOTTOMS UP. 16:00 19:00 3.0 0 0 TEST LINE TO 5000#, PUMP 20BBLS OF CHEMICAL FLUSH W/ 0.5 GPT XCIDE, 10 FRESH WATER W/ 0.5 GPT XCIDE, PUMP 515 SKS (147.6 BBLS) OF 12.5#, 1.61 YIELD W/ 4% BENTONITE, 0.3% VERSASET, 0.5% HR-5 OF LEAD CEMENT, 1345 SKS (352 BBLS) OF 13.5#, 1.47 YIELD W/ 0.125 LBM POLY-E-FLAKE OF TAIL CEMENT, DISPLACED W/ 144.3 BBLS OF FRESH WATER W/ .5 GPT MYACIDE, DISPLACED @ 7 BBLS MIN., SLOWED TO 3 BBLS MIN W/ 120BBLS GONE, FCP 2529#, BUMPED PLUG & PRESSURED UP TO 3326#, BLEED OFF & CHECK FLOAT, FLOATS HELD. FULL RETURNS THROUGH OUT JOB. 20:00 0 0 PRESSURE BACK UP TO 1000# & HOLD FOR 1 HR. 19:00 1.0 0 SET PACK OFF & TEST PACKOFF TO 5000# FOR 30 MIN. 20:00 21:00 1.0 0 0 NIPPLE DOWN BOP & CLEAN MUD TANKS. 21:00 22:00 1.0 0 22:00 0 0 NO INCIDENT NO ACCIDENT FULL CREWS SAFETY MEETING, RUNNING CASING, FORKLIFT FUEL 4480 GALS., USED 448 GALS. TRANSFER 4480 GALS OF FUEL TO THE CWU 1544-26D 0 RIG RELEASED @ 22:00 HRS. 3/7/2012. 0 CASING POINT COST \$728,915 03-12-2012 Reported By **SEARLE** DailyCosts: Drilling \$0 \$17,000 **Daily Total** \$17,000 Completion **Cum Costs: Drilling** \$728,914 Completion \$187,171 **Well Total** \$916,085 0.0 0.0 9,350 0 10 MD 9,367 **TVD** MWVisc **Progress Days** PKR Depth: 0.0 **Formation: PBTD**: 9298.0 Perf: Activity at Report Time: PREP FOR FRACS Start End Hrs From To **Activity Description** 06:00 06:00 24.0 0 0 MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FORM 9297' TO 70'. EST CEMENT TOP @ 800'. RDWL. 05-09-2012 **MCCURDY** Reported By

DailyCo	sts: Drill	ing	\$0			Con	pletion	\$0		Daily	y Total	\$0	
Cum Co	osts: Drill	ing	\$728,	914		Com	pletion	\$187,171		Well	Total	\$916,085	
MD	9,36	57 <b>T</b>	VD	9	,350	Progress	0	Days	11	MW	0.0	Visc	0.0
Formati	ion: MES	AVERDI	Е	PBT	Γ <b>D</b> :9	298.0		Perf: 8856	-9076		PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	START I	FRAC	ING S	TAGES 1-8							
Start	End	Hrs	From	To	A	ctivity Descrip	ption						
06:00	06:00	24.	0 0		0 FF	RAC TANKS PR	E MIXED	W/ BIOCIDE	(BE 6) @ 3	# PER TANK	ζ.		
					90 88	FAGE 1. MIRU ( )67'–68', 9020'– :67'–68', 8856'–	-21', 8987'	-88', 8978'-79	9', 8938'–3	89', 8923'-24	, 8915'–16',		
05-10-2	2012	Repor	rted By		M	CCURDY							
DailyCo	osts: Drill	ing	\$0			Con	pletion	\$108		Daily	y Total	\$108	
Cum Co	osts: Drill	ing	\$728,	914		Con	pletion	\$187,279		Well	Total	\$916,193	
MD	9,36	57 <b>T</b>	VD	9	,350	Progress	0	Days	12	MW	0.0	Visc	0.0
Formati	ion: MES	AVERDI	Е	PBT	Γ <b>D</b> :9	298.0		<b>Perf:</b> 8436-	-9076		PKR De	<b>pth:</b> 0.0	
Activity	at Repor	t Time:	FRAC										
Start	End	Hrs	From	To	A	ctivity Descrip	ption						
06:00	06:00	24.	0 0		BI HA GA DI	TAGE 1. MIRU V BLS FRESH WA ALLIBURTON. AL 16# LINEAF ELTA 200 W/102 D BPM. ISIP 274	TER . PUI FRAC LPI R PAD, 748 2600# 20/4	MP 110 GAL C R DOWN CAS 80 GAL 16# LII 80 SAND @ 2-	OF NALCO ING W/15 NEAR W/9 5 PPG. MT	6106, PLUS GAL BIOCII 9600# 20/40 S	5 BBLS FRE DE (BACKTR SAND @ 1–1.	SH WATER. R ON KW31 @ 2 5 PPG, 30436	RU 2GPT), 695 GAL 16#

STAGE 2. RUWL. SET 6K CFP AT 8844'. PERFORATE MPR/LPR FROM 8826'-27', 8813'-14', 8804'-05', 8775'-76', 8766'-67', 8758'-59', 8748'-49', 8728'-29', 8706'-07', 8664'-65', 8653'-54', 8642'-43' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT). 487 GAL 16# LINEAR PAD, 7450 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 38017 GAL 16# DELTA 200 W/126100# 20/40 SAND @ 2-5 PPG. MTP 5655 PSIG. MTR 50.3 BPM. ATP 4035 PSIG. ATR 50 BPM. ISIP 2861 PSIG. RD HALLIBURTON.

STAGE 3. RUWL. SET 6K CFP AT 8626'. PERFORATE MPR FROM 8609'-10', 8600'-01', 8590'-91', 8578'-79', 8542'-43', 8535'-36', 8522'-23', 8508'09', 8500'-01', 8488'-89', 8470'-71', 8436'-37' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 551 GAL 16# LINEAR PAD, 7429 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 29834 GAL 16# DELTA 200 W/101800# 20/40 SAND @ 2-5 PPG. MTP 6226 PSIG. MTR 50.2 BPM. ATP 5300 PSIG. ATR 48.1 BPM. ISIP 2885 PSIG. RD HALLIBURTON. SWIFN.

05-11-	2012	Repo	rted By	ı	MCCURDY							
DailyCo	osts: Drill	ing	\$0		Co	mpletion	\$108		Daily	Total	\$108	
Cum C	osts: Dril	ling	\$728	,914	Co	mpletion	\$187,387		Well T	<b>Fotal</b>	\$916,301	
MD	9,3	67 <b>T</b>	'VD	9,350	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD: 9298.0				9298.0		<b>Perf</b> : 7595–	9076	<b>PKR Depth</b> : 0.0				
Activity	at Repo	rt Time	: FRAC									
Start	End	Hrs	From	To A	Activity Descr	ription						

Sundry Number: 25981 API Well Number: 43047517420000

Well Name: CWU 1541-26D Field: CHAPITA DEEP Property: 066343

06:00 06:00 24.0 0 0 STAGE 4. SICP 2641 PSIG. RUWL. SET 6K CFP AT 8390'. PERFORATE MPR FROM 8361'-62', 8339'-40', 8330'-31', 8299'-300', 8280'-81', 8263'-64', 8250'-51', 8240'-41', 8226'-27', 8199'-200', 8186'-87', 8162'-63' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 799 GAL 16# LINEAR PAD, 7473 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 43445 GAL 16# DELTA 200 W/150400# 20/40 SAND @ 2-5 PPG. MTP 5596 PSIG. MTR 50.2 BPM. ATP 3867 PSIG. ATR 50 BPM. ISIP 2565 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 8142'. PERFORATE MPR FROM 8120'-21', 8111'-12', 8093'-94', 8083'-84', 8063'-64', 8050'-51', 8011'-12', 7977'-78', 7967'-68', 7940'-41', 7913'-14', 7888'-89' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 754 GAL 16# LINEAR PAD, 7450 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 50532 GAL 16# DELTA 200 W/174800# 20/40 SAND @ 2-5 PPG. MTP 6032 PSIG. MTR 50.2 BPM. ATP 4541 PSIG. ATR 50 BPM. ISIP 2595 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 7870'. PERFORATE UPR FROM 7848'-49', 7827'-28', 7799'-800', 7775'-76', 7765'-66', 7750'-51', 7711'-12', 7702'-03', 7686'-87', 7674'-75', 7630'-31', 7595'-96' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 884 GAL 16# LINEAR PAD, 7408 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 113200 GAL 16# DELTA  $200 \text{ W}/27860 \# 20/40 \text{ SAND } @ 2-5 \text{ PPG. MTP } 5914 \text{ PSIG. MTR } 50.2 \text{ BPM. ATP } 4624 \text{ PSIG. ATR } 49.8 \text{ PSIG. MTR } 49.8 \text{ PSI$ BPM. ISIP 2632 PSIG. RD HALLIBURTON. SWIFN.

05-12-2012	Re	ported By	M	CCURDY							
DailyCosts: D	rilling	\$0		Com	pletion	\$502,587		Daily	Total	\$502,587	
Cum Costs: D	rilling	\$728	,914	Com	pletion	\$689,974		Well '	Total	\$1,418,889	
MD	9,367	TVD	9,350	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : N	MESAVER	RDE	<b>PBTD</b> : 9	298.0		<b>Perf</b> : 7024–9	076		PKR Dep	oth: 0.0	

Activity at Report Time: PREP TO MIRUSU FOR POST FRAC CLEAN OUT

Start	End	Hrs	From To	<b>Activity Description</b>
06:00	06:00	24.0	0	0 STAGE 7. INTIAL PRESS

24.0

0 STAGE 7. INTIAL PRESSURE 2110 PSIG. RUWL. SET 6K CFP AT 7580'. PERFORATE UPR FROM 7556'-57', 7542'-43', 7536'-37', 7528'-29', 7514'-15', 7491'-92', 7486'-87', 7425'-26', 7415'-16', 7405'-06', 7389'-90', 7367'-68' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 916 GAL 16# LINEAR PAD, 7435 GAL 16# LINEAR W/9600# 20/40 SAND @ 1-1.5 PPG, 31433 GAL 16# DELTA 200 W/106600# 20/40 SAND @ 2-5 PPG. MTP 5194 PSIG. MTR 50.2 BPM. ATP 3770 PSIG. ATR 50 BPM. ISIP 2320 PSIG. RD HALLIBURTON.

STAGE 8. RUWL. SET 6K CFP AT 7314'. PERFORATE UPR FROM 7291'-92', 7282'-83', 7267'-68', 7260'-61', 7205'-06', 7194'-95', 7181'-82', 7107'-08', 7095'-96', 7048'-49', 7035'-36', 7024'-25' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 165 GAL OF NALCO EC 6707 SCALE INHIBITOR PLUS 5 BBLS FRESH WATER . PUMP 110 GAL OF NALCO 6106, PLUS 5 BBLS FRESH WATER. FRAC LPR DOWN CASING W/15 GAL BIOCIDE (BACKTRON KW31 @ 2GPT), 1060 GAL 16# LINEAR PAD, 7419 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 42553 GAL 16# DELTA 200 W/144300# 20/40 SAND @ 2-5 PPG. MTP 4863 PSIG. MTR 50.3 BPM. ATP 3481 PSIG. ATR 50 BPM. ISIP 2072 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 6959'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALLIBURTON SERVICES. SDFN.

BAUSCH / BASTIAN 05-17-2012 Reported By

DailyCosts: Drilling \$0	Completion	\$16,761		Daily To	tal	\$16,761	
Cum Costs: Drilling \$728,914	Completion	\$706,735		Well Tot		\$1,435,650	
<b>MD</b> 9,367 <b>TVD</b> 9,33	_	Days	15	MW	0.0	Visc	0.0
	: 9298.0	<b>Perf</b> : 7024–9				pth: 0.0	
Activity at Report Time: PREP FOR POS							
Start End Hrs From To	Activity Description						
	) MIRUSU. ND FRAC VALVI	ES. NU BOP.					
05-18-2012 Reported By	BAUSCH / BASTIAN						
DailyCosts: Drilling \$0	Completion	\$60,938		Daily To	tal	\$60,938	
Cum Costs: Drilling \$728,914	Completion	\$767,673		Well Total	al	\$1,496,588	
<b>MD</b> 9,367 <b>TVD</b> 9,38	60 <b>Progress</b> 0	Days	16	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTI	: 9298.0	<b>Perf</b> : 7024–9	0076	P	KR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report Time: RDSU. WO SAI	ES.						
Start End Hrs From To	<b>Activity Description</b>						
	PRESSURE TESTED FLOW 6959', 7314', 7580', 7870', 8 @ 7695' KB. ND BOP. NU T TBG DETAIL LENGTH	3142', 8390', 862	6' & 8844	, RIH. CLEANE	ED OUT		
	POBS 1.00'  1 JT 2–3/8" 4.7# L–80 TBG  XN NIPPLE 1.30' @7660  234 JTS 2–3/8" 4.7# L–80 T  BELOW KB 19.00'  LANDED @ 7694.66' KB	,					
05-22-2012 Reported By	SEARLE						
DailyCosts: Drilling \$0	Completion	\$12,612		Daily To	tal	\$12,612	
Cum Costs: Drilling \$728,914	Completion	\$780,285		Well Tot	al	\$1,509,200	
MD 9,367 TVD 9,38  Formation: MESAVERDE PBTE  Activity at Report Time: FLOW TEST/IN	: 9298.0	<b>Days Perf</b> : 7024–9	17 9076	MW F	0.0 PKR De <sub>l</sub>	Visc pth: 0.0	0.0
Start End Hrs From To	<b>Activity Description</b>						
	RU TEST UNIT. FLOWED TO PSIG. 36 BPH, RECOVERE					TP 1750 PSIG, C	P 3125
	INITIAL PRODUCTION: T PSIG & FCP 3500 PSIG. FL					ON 18/64" CK. F	TP 1300
05-23-2012 Reported By	SEARLE						
DailyCosts: Drilling \$0	Completion	\$0		Daily To	tal	\$0	
Cum Costs: Drilling \$728,914	Completion	\$780,285		Well Total	al	\$1,509,200	
<b>MD</b> 9,367 <b>TVD</b> 9,35	FO Progress 0	Days	18	MW	0.0	Visc	0.0

Sundry Number: 25981 API Well Number: 43047517420000

Well Name: CWU 1541–26D Field: CHAPITA DEEP Property: 066343

**Formation**: MESAVERDE **PBTD**: 9298.0 **Perf**: 7024–9076 **PKR Depth**: 0.0

Activity at Report Time: FLOW TEST

Start End Hrs From To Activity Description

06:00 0 FLOWED THROUGH TEST UNIT 24 HRS. 24/64" CHOKE. FTP 1450 PSIG, CP 2450 PSIG. 49 BPH,

RECOVERED 1164 BLW. 8987 BLWTR. 1546 MCFD RATE.

Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL	COMPLETIO	N OR RECOMP	LETION REPOR	T AND LOG
**	COM LE 110	A OIX IXEOUISII I		I AILD FOO

	WELL	COMPI	LETION (	OR RE	ECO	MPL	ETIC	ON RE	PORT	AND I	LOG				ease Serial No ITU0285A		
1a. Type o	f Well	Oil Wel	<del></del>	Well		Dry								6. If	Indian, Allott	ee or	Tribe Name
b. Type o	of Completion	_	New Well er	□ We	ork Ov	er	□ De	eepen	☐ Plu	g Back	Di	ff. Res	svr.	7. U.	nit or CA Agr CHAPITA WE	eeme	nt Name and No.
2. Name o	f Operator RESOURCE	S INC	- · · · · · · · · · · · · · · · · · · ·	Mail: I	MICK	Conta	ct: M	ICKEN	ZIE GAT	ES SOURCE	S.CON	л			ease Name and		ll No
	600 17TH DENVER	ISREET	SUITE 100					3a.		o. (includ					PI Well No.		43-047-51742
4. Location	n of Well (Re	port locat	ion clearly a	nd in acc	cordar	nce wit	h Fed	eral req	uirements	s)*				10. I	ield and Pool ATURAL BU	, or E	Exploratory S
At surf			511FEL 40											11. S	Sec., T., R., M	., or l	Block and Survey S R22E Mer SLB
	prod interval	T TOWARD	oelow NEI 350 NL <del>51</del> 1FEL										<b>,</b>	12. (	County or Pari		13. State
At total		NE 4471		40.013			109.3	99578		Complet	ed		T i	_	INTAH Elevations (DI	. KB	. RT. GL)*
12/18/:	2011 		03	3/06/20	12				□ D & 05/2	A 🛭 1/2012	Ready				5015	GL	
18. Total I		MD TVD	9367 9350			Plug E		.D.:	MD TVD <b>9</b>	28\ <del>92</del>	98 <del>94</del>		20. Dep	th Brid	ige Plug Set:	T	AD VD
21. Type F CBL/C	Electric & Oth CL/VDL/GR	her Mecha	nical Logs R	un (Sub	mit co	opy of	each)				l w	as DS	ll cored T run? onal Sur		⊠ No □	Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	ort all strings	set in w	vell)	r											
Hole Size	Size/G	irade	Wt. (#/ft.)	To (MI			tom (D)		Cementer epth	1	of Sks. & of Ceme		Slurry ' (BBI		Cement Top	)*	Amount Pulled
12.250		325 K-55	36.0	<del>                                     </del>			2234					650				0	
7.875	4.5	500 N-80	11.6	<u> </u>			9356				1	860				300	
												$\dashv$		_		1	
24. Tubing	Pagard			<u> </u>						<u> </u>							
Size Size	Depth Set (N	/(D) P	acker Depth	(MD)	Siz	ze	Dentl	ı Set (N	1D) F	acker De	oth (ME	0)	Size	De	pth Set (MD)	Tp	acker Depth (MD)
2.375	· · · · · · · · · · · · · · · · · · ·	7695													7	1	
	ng Intervals						26.		tion Reco								· · · · · · · · · · · · · · · · · · ·
A)	ormation MESAVE	EDDE	Тор	7024	Bot	9076	3	P	erforated	Interval 8856 T	0 0076	+	Size	$\frac{1}{N}$	lo. Holes 36 O	DEN	Perf. Status
B)	MESAVE	TRUE		7024		3076	+			8642 T				1-	36 O		
C)										8436 T		_			36 O		
D)										8162 T	O 8362	2			DECE	M	U
	racture, Treat			e, Etc.							1.70	63.6	.,		UPO-	- 7	<del>ni3</del>
	Depth Interva		076 936 BAI	RRELS	OF GE	LLED	WATE	R & 112		mount and /40 SAND	1 Type c	or Mat	eriai		JUL 0	<b>3_</b> 4	UIC
			327 1,111 B								D	-			DIV. OF OIL.	210	& MINING
			310 917 BAI											1	OIV. OF OIL.		
20 D 1			362 1,248 B	ARRELS	OF G	SELLEI	D WAT	ER & 1	60,000# 2	0/40 SAN	D						
28. Product	ion - Interval	Hours	Test	Oil	I	Gas	Tw	/ater	Oil Gr	avity	Ga	15	Ip	roductic	on Method		
Produced 05/21/2012	Date 06/04/2012	Tested 24	Production	BBL 18.0	N	MCF 901.0	В	BL 314.0	Corr.			avity	ĺ	rouuoii	FLOWS	FROM	A WELL
Choke :	Tbg. Press.	Csg.	24 Hr.	Oil .		Gas		/ater	Gas:O	il	W	ell Statu	s.			101	VI VV L.L.
Size 24/64	Flwg. 520 SI	Press. 1050.0	Rate	BBL 18	N	исғ 901		BL 314	Ratio			PG\	Ν				
	tion - Interva			<u> </u>													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF		/ater BL	Oil Gr Corr. A		Ga Gr	avity	P	roductio	on Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF		/ater BL	Gas:O Ratio	il	W	ell Statu	s				
	L	<u></u>	1	<u> </u>			L										

28h Pro	duction - Interv	rol C								· · · · · · · · · · · · · · · · · · ·	
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Ga		Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gr	ravity	:	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	W	ell Status		
28c. Proc	luction - Interv	al D		1	<u></u>	<u></u>					<u> </u>
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Ga Gr	as avity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	We	ell Status	<del></del>	
29. Dispo	osition of Gas(S	Sold, used j	for fuel, vent	ted, etc.)	<u> </u>	<u> </u>		<u>l</u>	<u> </u>		
	nary of Porous	Zones (Inc	lude Aquife	ers):					31. For	mation (Log) Markers	
Show tests,	all important 2	zones of po	rosity and c	ontents there	eof: Cored in tool open,	ntervals and flowing an	d all drill-stem d shut-in pressur	res		, J	
	Formation		Тор	Bottom		Descripti	ions, Contents, et	tc.		Name	Top Meas. Depth
32. Addit Pleas	ional remarks (se see the atta	include plu	7024	9076					BIR MA UTI WA CH BU	EEN RIVER RDS NEST HOGANY ELAND BUTTE SATCH APITA WELLS CK CANYON ICE RIVER	1410 1716 2313 4555 4671 5272 5964 7022
1. Ele	enclosed attac ectrical/Mechar ndry Notice for	nical Logs	•			2. Geologie 6. Core An	-		3. DST Rep 7 Other:	ort 4. Directi	onal Survey
34. I here	by certify that t	he foregoin	-	onic Submi	ssion #1419	20 Verifie	orrect as determined by the BLM V	Well Infor	mation Sys	records (see attached instruct tem.	ions):
Name	(please print)	MICKENZ	IE GATES				Title <u>F</u>	REGULA	TORY ASS	SISTANT	·
Signa	ture Wi	(AlbAASti)	Histubrassia	antes	)		Date (	06/29/201	12		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

## CHAPITA WELLS UNIT 1541-26D- ADDITIONAL REMARKS:

## **26. PERFORATION RECORD**

	7888-8121	36	OPEN
	7595-7849	36	OPEN
I	7367-7557	36	OPEN
	7024-7292	36	OPEN

## 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

7888-8121	1,415 BARRELS GELLED WATER & 184,400# 20/40 SAND
7595-7849	2,910 BARRELS GELLED WATER & 188,100# 20/40 SAND
7367-7557	964 BARRELS GELLED WATER & 116,200# 20/40 SAND
7024-7292	1,232 BARRELS GELLED WATER & 153,800# 20/40 SAND

## 32. FORMATION (LOG) MARKERS

Middle Price River	7864
Lower Price River	8669
Sego	9185



## **Survey Certification Sheet**

Company: EOG Resources

API # 43-047-51742

Well Name: Chapita Well Unit #1541-26D

SURFACE LOCATION Uintah County, Utah Sec. 26-T9S-R22E

447' From North Line, 511' From East Line

**BOTTOM HOLE LOCATION @** 

9367' Measured Depth

9349.70' True Vertical Depth

187.83' North, 160.91' East from Surface Location Crescent Job Number: CA 12015 and CA 12125

Surveyed from a depth of 0.0'- 9367' MD

Type of survey: Crescent MWD (Measurement While Drilling)

Last Survey Date: March 7, 2012

**Directional Supervisor: John Stringfellow** 

To whom it may concern, I attached surveys in pdf and text format of the Chapita Well Unit 1541-26D well.

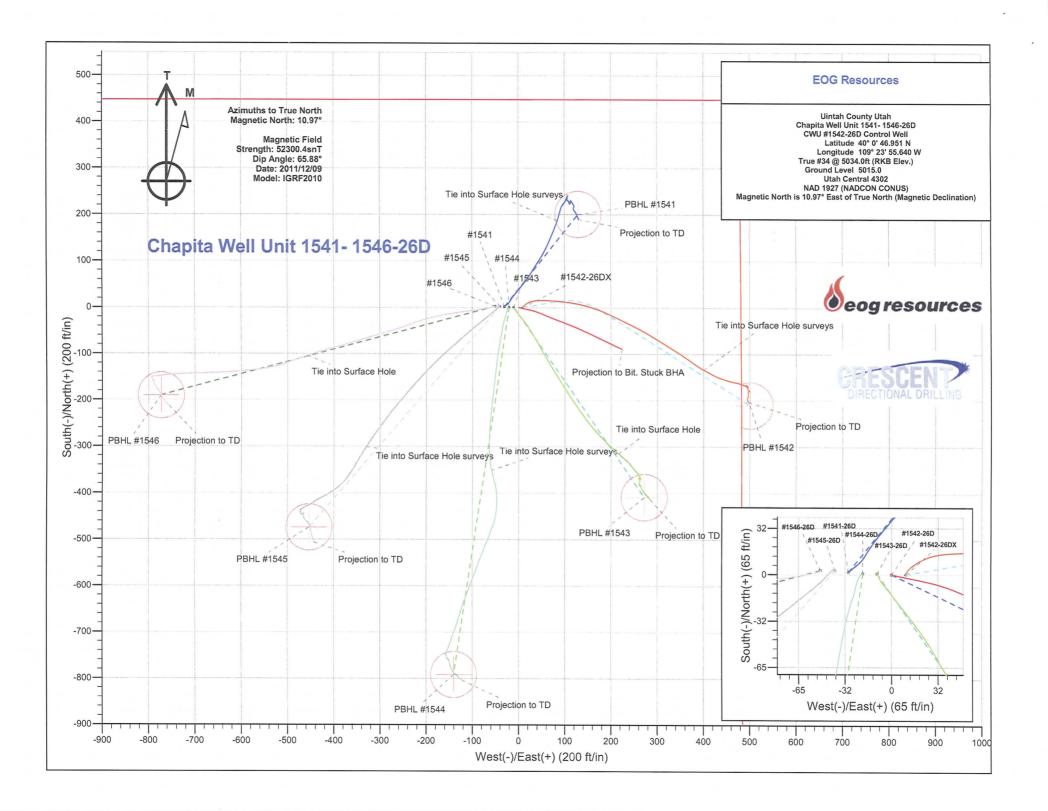
The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Crescent Directional Drilling.

This report represents a true and correct Directional Survey of this well based on the original data obtained at the well site. Wellbore Coordinates are calculated using minimum curvature.

John Strugteller

John Stringfellow Directional Coordinator Rocky Mtn. Region Crescent Directional Drilling

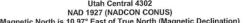
Off. (307)266-6500 Cell. (307)259-7827





**EOG Resources** 

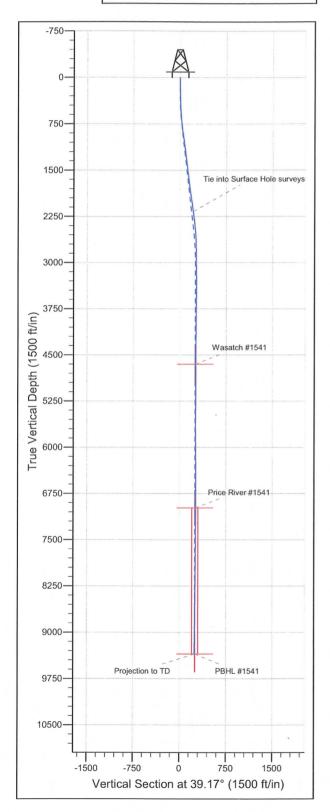
EOG Resources
Uintah County Utah
Chapita Well Unit 1541- 1546-26D
CWU #1541-26D
Latitude 40° 0' 46.969 N
Longitude 109° 23' 56.029 W
True #34 @ 5034.0ft (RKB Elev.)
Ground Level 5015.0
Utah Central 4302
NAD 1927 (NADCON CONUS)
Magnetic North is 10.97° East of True North (Magnetic Declination)

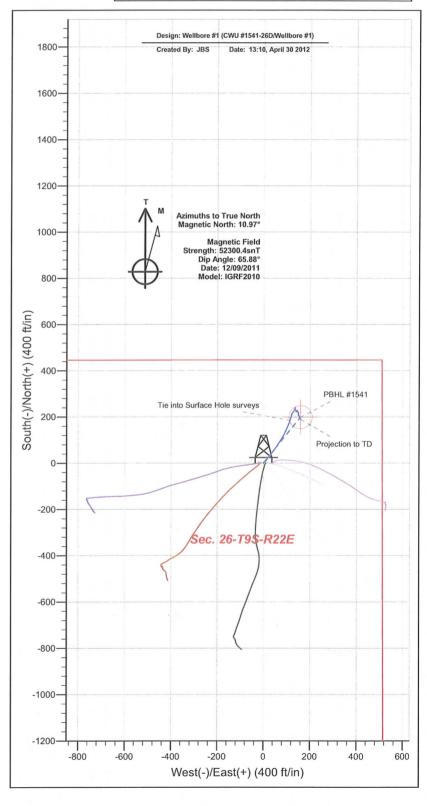




	ANNO	OTATIONS
TVD	MD	Annotation
2170.3	2184.0	Tie into Surface Hole surveys
9349.7	9367.0	Projection to TD

WELLBORE TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Shape			
Wasatch #1541	4653.0	198.5	159.7	Point			
Price River #1541	6985.0	198.5	159.7	Circle (Radius: 50.0)			
PBHL #1541	9350.0	198.5	159.7	Point			







## **EOG Resources**

Uintah County Utah Chapita Well Unit 1541- 1546-26D CWU #1541-26D Wellbore #1

Design: Wellbore #1

## **Standard Survey Report**

30 April, 2012







Company: Project:

**EOG Resources** 

Site:

Uintah County Utah Chapita Well Unit 1541- 1546-26D

Well: Wellbore: CWU #1541-26D Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

**TVD Reference:** MD Reference:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

North Reference:

**Survey Calculation Method:** 

Database:

Minimum Curvature

True

EDM 2003.16 Single User Db

**Project** 

**Uintah County Utah** 

Map System: Geo Datum:

US State Plane 1927 (Exact solution)

Map Zone:

NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Site

Chapita Well Unit 1541- 1546-26D

0.0 ft

Site Position:

Northing:

618,708.27 ft

Latitude:

40° 0' 46.951 N

From:

Lat/Long

Easting:

2,588,474.21 ft

Longitude:

109° 23' 55.640 W

**Position Uncertainty:** 

Slot Radius:

**Grid Convergence:** 

1.35

Well Well Position CWU #1541-26D

+N/-S

0.0 ft

Northing:

618,709.36 ft 2,588,443.93 ft Latitude:

40° 0' 46,969 N

+E/-W **Position Uncertainty** 

0.0 ft 0.0 ft Easting:

Longitude:

109° 23' 56.029 W

Wellhead Elevation:

**Ground Level:** 

5,015.0 ft

Wellbore

Wellbore #1

**Magnetics** 

**Model Name** 

Sample Date

Declination (°)

Dip Angle (°)

**Field Strength** 

(nT)

**IGRF2010** 

12/09/11

10.97

65.88

52.300

Design

Wellbore #1

**Audit Notes:** 

Version:

1.0

Phase:

**ACTUAL** 

Tie On Depth:

0.0

**Vertical Section:** 

Depth From (TVD)

(ft)

0.0

+N/-S (ft)

0.0

+E/-W (ft)

0.0

Direction (°)

39.17

**Survey Program** From (ft)

Date 04/12/12

To (ft)

Survey (Wellbore)

**Tool Name** 

Description

386.0 2,313.0

2,184.0 Surface Hole Surveys (Wellbore #1) 9,367.0 7 7/8" Hole Surveys (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
386.0	1.60	50.80	385.9	3.4	4.2	5.3	0.41	0.41	0.00
416.0	2.20	50.40	415.9	4.0	4.9	6.3	2.00	2.00	-1.33
446.0	2.50	50.30	445.9	4.8	5.9	7.5	1.00	1.00	-0.33
476.0	2.80	49.10	475.9	5.7	6.9	8.8	1.02	1.00	-4.00
506.0	3.00	43.70	505.8	6.8	8.0	10.3	1.13	0.67	-18.00
536.0	3.10	46.90	535.8	7.9	9.2	11.9	0.66	0.33	10.67
566.0	3.60	33.80	565.7	9.2	10.3	13.7	3.04	1.67	-43.67
596.0	4.00	30.30	595.7	10.9	11.3	15.6	1.54	1.33	-11.67
626.0	4.30	30.10	625.6	12.8	12.4	17.8	1.00	1.00	-0.67





Company: Project:

Site:

EOG Resources Uintah County Utah

Chapita Well Unit 1541- 1546-26D

Well: CWU #1541-26D
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

True

Minimum Curvature

y									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (*/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
716.0	5.40	33.10	715.2	19.5	16.8	25.7	0.55	-0.33	-4.67
746.0	6.60	38.60	745.1	22.1	18.6	28.9	4.43	4.00	18.33
776.0	6.60	38.60	774.9	24.8	20.8	32.3	0.00	0.00	0.00
806.0	7.30	39.40	804.7	27.6	23.1	36.0	2.36	2.33	2.67
836.0	7.60	39.50	834.4	30.6	25.6	39.8	1.00	1.00	0.33
866.0	8.30	39.90	864.1	33.8	28.2	44.0	2.34	2.33	1.33
896.0	8.50 8.60	39.80	893.8 923.5	37.1 40.6	31.0 33.9	48.4	0.67	0.67 0.33	-0.33 0.00
926.0		39.80				52.8	0.33		
956.0	9.00	37.30	953.1	44.1	36.7	57.4	1.84	1.33	-8.33
986.0	8.40	37.60	982.8	47.8	39.5	62.0	2.01	-2.00	1.00
1,016.0	8.40	36.90	1,012.4	51.2	42.1	66.3	0.34	0.00	-2.33
1,046.0 1,076.0	8.30 7.50	36.80 38.30	1,042.1 1,071.8	54.7 58.0	44.7 47.3	70.7 74.8	0.34 2.75	-0.33 -2.67	-0.33 5.00
			-						
1,106.0	6.90	37.50	1,101.6	61.0	49.6	78.6	2.03	-2.00	-2.67
1,136.0	6.60 6.50	36.20	1,131.4 1,161.2	63.8 66.6	51.7 53.7	82.1	1.12	-1.00	-4.33 5.33
1,166.0 1,196.0	6.50 6.30	34.60 33.30	1,101.2	69.3	55.7 55.5	85.5 88.8	0.69 0.82	-0.33 -0.67	-5.33 -4.33
1,190.0	6.50	32.00	1,220.8	72.2	57.3	92.2	0.82	0.67	-4.33 -4.33
	6.60	32.70	1,250.6	75.1	59.2	95.6	0.43	0.33	2.33
1,256.0 1,286.0	6.90	32.70	1,280.4	78.0	61.1	99.1	1.01	1.00	-1.33
1,316.0	7.20	32.10	1.310.2	81.1	63.0	102.7	1.00	1.00	-0.67
1,346.0	7.20	32.00	1,340.0	84.3	65.0	106.4	0.04	0.00	-0.33
1,376.0	7.20	33.20	1,369.7	87.5	67.0	110.2	0.50	0.00	4.00
1,406.0	7.10	33.30	1,399.5	90.6	69.1	113.9	0.34	-0.33	0.33
1,436.0	7.10	34.00	1,429.3	93.7	71.1	117.6	0.29	0.00	2.33
1,466.0	7.40	34.10	1,459.0	96.8	73.3	121.4	1.00	1.00	0.33
1,496.0	7.50	33.40	1,488.8	100.1	75.4	125.2	0.45	0.33	-2.33
1,526.0	7.40	32.00	1,518.5	103.4	77.5	129.1	0.69	-0.33	-4.67
1,556.0	6.90	30.80	1,548.3	106.5	79.5	132.8	1.74	-1.67	-4.00
1,586.0 1,616.0	6.60 6.70	30.10 29.80	1,578.1 1,607.9	109.6 112.6	81.3 83.0	136.3 139.7	1.04 0.35	-1.00 0.33	-2.33 -1.00
1,646.0	6.60	28.80	1,637.7	115.6	84.7	143.1	0.55	-0.33	-3.33
1,676.0	7.00	28.50	1,667.5	118.7	86.4	146.6	1.34	1.33	-1.00
1,706.0	7.30	27.30	1,697.2	122.0	88.1	150.3	1.12	1.00	-4.00
1,736.0	7.50	26.80	1,727.0	125.5	89.9	154.1	0.70	0.67	-1.67
1,766.0	7.60	26.10	1,756.7	129.0	91.7	157.9	0.45	0.33	-2.33
1,796.0	7.80	25.10	1,786.4	132.6	93.4	161.8	0.80	0.67	-3.33
1,826.0	7.90	24.80	1,816.2	136.3	95.1	165.8	0.36	0.33	-1.00
1,856.0	8.00	24.20	1,845.9	140.1	96.8	169.8	0.43	0.33	-2.00
1,886.0	8.30	23.40	1,875.6	144.0	98.6	173.9	1.07	1.00	-2.67
1,916.0	8.10	23.20	1,905.3	147.9	100.3	178.0	0.67	-0.67	-0.67
1,946.0	8.30	23.30	1,935.0	151.9 155.0	101.9 103.7	182.1 186.3	0.67	0.67	0.33 -2.00
1,976.0	8.50	22.70	1,964.6	155.9			0.73	0.67	
2,006.0	8.60	22.80	1,994.3	160.0	105.4	190.6	0.34	0.33	0.33
2,036.0 · 2,066.0	8.80	22.40	2,024.0	164.2	107.1 108.8	195.0 199.3	0.70	0.67	-1.33 -3.33
2,066.0	8.80 8.60	21.40 21.10	2,053.6 2,083.3	168.5 172.7	110.5	203.7	0.51 0.68	0.00 -0.67	-3.33 -1.00
2,096.0	8.70	20.20	2,063.3 2,112.9	176.9	112.1	203.7	0.56	0.33	-3.00
				181.1	113.6	212.2	0.83	-0.67	-3.33
2,156.0 2,184.0	8.50 8.70	19.20 18.20	2,142.6 2,170.3	185.1	114.9	212.2	0.83	-0.67 0.71	-3.33 -3.57
•	rface Hole sur		2, 0.0	. 3011			0.00	J., ,	0.01
2,313.0	7.90	14.90	2,297.9	202.9	120.3	233.3	0.72	-0.62	-2.56
2,344.0	7.50	14.50	2,328.6	207.0	121.3	237.1	1.30	-1.29	-1.29
2,376.0	6.50	17.00	2,360.4	210.7	122.4	240.6	3.27	-3.12	7.81





Company: Project: Site:

**EOG Resources** Uintah County Utah

Chapita Well Unit 1541- 1546-26D CWU #1541-26D

Well: Wellbore: Design:

Wellbore #1

Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

Minimum Curvature

rvey		ansini da iku (ngan). Masangirtako di 1917						uka denga T <del>anga Tan</del> Banganganak kalawa	
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
2,406.0	6.20	24.40	2,390.2	213.8	123.5	243.8	2.90	-1.00	24.67
2,438.0	6.20	29.80	2,422.0	216.9	125.1	247.2	1.82	0.00	16.87
2,469.0	5.80	36.10	2,452.8	219.6	126.9	250.4	2.48	-1.29	20.32
2,499.0	4.90	39.50	2,482.7	221.8	128.6	253.2	3.18	-3.00	11.33
2,530.0	4.60	40.30	2,462.7 2,513.6	223.8	130.2	255.Z 255.7	0.99	-3.00 -0.97	2.58
2,561.0	3.70	35.80	2,544.5	225.5	131.6	258.0	3.09	-2.90	-14.52
2,592.0	3.30	28.70	2,575.5	227.1	132.6	259.9	1.90	-1.29	-22.90
2,624.0	2.70	23.90	2,607.4	228.6	133.4	261.5	2.03	-1.87	-15.00
2,655.0	2.10	21.30	2,638.4	229.8	133.9	262.7	1.97	-1.94	-8.39
2,686.0	1.60	21.50	2,669.4	230.8	134.2	263.7	1.61	-1.61	0.65
2,718.0	1.30	14.10	2,701.4	231.5	134.5	264.4	1.10	-0.94	-23.12
2,748.0	1.00	22.40	2,731.4	232.1	134.7	265.0	1.14	-1.00	27.67
2,779.0	0.80	15.60	2,762.4	232.6	134.8	265.5	0.73	-0.65	-21.94
2,811.0	0.40	14.10	2,794.4	232.9	134.9	265.8	1.25	-1.25	-4.69
2,841.0	0.50	2.20	2,824.4	233.1	134.9	266.0	0.45	0.33	-39.67
2,873.0	0.60	357.60	2,856.4	233.4	134.9	266.2	0.34	0.31	-14.37
2,904.0	0.80	356.30	2,887.4	233.8	134.9	266.5	0.65	0.65	-4.19
2,936.0	0.60	15.70	2,919.4	234.2	134.9	266.8	0.96	-0.62	60.62
2,966.0	0.90	29.30	2,949.4	234.5	135.1	267.2	1.16	1.00	45.33
2,998.0	1.20	28.10	2,949.4	235.1	135.4	267.7	0.94	0.94	-3.75
3,029.0	1.20	35.00	3,012.3	235.6	135.7	268.4	0.47	0.00	22.26
3,061.0	0.90	35.20	3,044.3	236.1	136.1	269.0	0.94	-0.94	0.62
3,091.0	0.90	53.00	3,074.3	236.4	136.4	269.4	0.93	0.00	59.33
3,155.0	0.70	50.70	3,138.3	237.0	137.1	270.3	0.32	-0.31	-3.59
3,248.0	0.90	14.70	3,231.3	238.0	137.7	271.5	0.57	0.22	-38.71
3,341.0	0.40					272.2			
3,436.0	0.10	51.30	3,324.3	238.8	138.0	272.3	0.88	-0.86	39.35
	0.30	201.50	3,419.3	238.6	137.9	272.1	0.41	0.21	158.11
3,531.0	0.20	242.20	3,514.3	238.3	137.7	271.7	0.21	-0.11	42.84
3,624.0	0.90	210.00	3,607.3	237.6	137.2	270.9	0.79	0.75	-34.62
3,719.0	0.70	165.40	3,702.3	236.4	137.0	269.8	0.67	-0.21	-46.95
3,813.0	0.40	238.90	3,796.3	235.7	136.8	269.1	0.75	-0.32	78.19
3,903.0	0.60	202.20	3,886.3	235.1	136.4	268.4	0.41	0.22	-40.78
3,998.0	0.60	167.80	3,981.3	234.1	136.3	267.6	0.37	0.00	-36.21
4,092.0	0.70	179.10	4,075.3	233.1	136.4	266.9	0.17	0.11	12.02
4,185.0	0.70	129.30	4,073.3	232.4	136.5	266.4	0.17	-0.54	-53.55
•									
4,277.0	0.10	163.20	4,260.3	232.2	136.7	266.4	0.14	-0.11	36.85
4,371.0	0.70	188.20	4,354.3	231.6	136.6	265.8	0.65	0.64	26.60
4,462.0	0.60	191.90	4,445.3	230.6	136.5	264.9	0.12	-0.11	4.07
4,555.0	0.90	173.10	4,538.3	229.4	136.4	264.0	0.41	0.32	-20.22
4,649.0	0.40	121.90	4,632.3	228.5	136.8	263.5	0.77	-0.53	-54.47
	0.47								
4,670.1	0.47	117.19	4,653.3	228.4	137.0	263.6	0.35	0.31	-22.36
Wasatch #		400.40	4 70 4 0	000.4	407.0	000.0	2.05	2.22	40.00
4,741.0	0.70	108.10	4,724.3	228.1	137.6	263.8	0.35	0.33	-12.82
4,834.0	0.80	129.30	4,817.2	227.5	138.7	264.0	0.31	0.11	22.80
4,929.0	. 0.30	135.60	4,912.2	226.9	. 139.3	. 263.9	0.53	-0.53	6.63
5,024.0	0.20	100.50	5,007.2	226.7	139.7	264.0	0.19	-0,11	-36.95
5,117.0	0.20	120.00	5,100.2	226.6	140.0	264.1	0.07	0.00	20.97
5,211.0	0.20	184.90	5,194.2	226.4	140.1	264.0	0.23	0.00	69.04
5,303.0	0.20	174.80	5,286.2	226.0	140.1	263.7	0.23	0.00	-10.98
5,398.0	0.20		5,280.2 5,381.2	225.4	140.1	263.3	0.42	0.42	-3.16
		171.80			140.2	263.3 262.6			
5,492.0	0.70	169.60	5,475.2	224.3			0.11	0.11	-2.34
5,586.0	0.70	168.00	5,569.2	223.2	140.6	261.8	0.02	0.00	-1.70
5,678.0	1.20	163.60	5,661.2	221.7	141.0	260.9	0.55	0.54	-4.78
5,772.0	0.40	80.30	5,755.2	220.8	141.6	260.6	1.30	-0.85	-88.62
5,864.0	0.80	71.80	5,847.2	221.1	142.5	261.4	0.44	0.43	-9.24





Company: Project:

EOG Resources Uintah County Utah

Chapita Well Unit 1541- 1546-26D

Well: Wellbore: Design:

Site:

CWU #1541-26D Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

True

Minimum Curvature

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,957.0	1.10	5.00	5,940 <i>.</i> 2	222.2	143.2	262.7	1.16	0.32	-71.83
6,051.0	1.10	3.00	6,034.2	224.0	143.3	264.2	0.04	0.00	-2.13
6,145.0	1.00	359.60	6,128.2	225.7	143.4	265.5	0.13	-0.11	-3.62
6,241.0	0.70	15.50	6,224.1	227.1	143.5	266.7	0.39	-0.31	16.56
6,335.0	0.20	15.20	6,318.1	227.8	143.7	267.4	0.53	-0.53	-0.32
6,427.0	0.40	75.00	6,410.1	228.1	144.1	267.8	0.38	0.22	65.00
6,523.0	0.20	118.10	6,506.1	228.1	144.5	268.1	0.30	-0.21	44.90
6,616.0	0.60	161.90	6,599.1	227.5	144.8	267.9	0.51	0.43	47.10
6,707.0	0.80	156.10	6,690.1	226.5	145.2	267.3	0.23	0.22	-6.37
6,802.0	0.50	139.60	6,785.1	225.6	145.8	267.0	0.37	-0.32	-17.37
6,895.0	0.60	127.70	6,878.1	225.0	146.4	266.9	0.16	0.11	-12.80
6.989.0	1.00	142.20	6,972.1	224.0	147.3	266.7	0.47	0.43	15.43
7,002.2	0.89	144.27	6,985.3	223.8	147.5	266.7	0.89	-0.85	15.69
Price River		, ,	-,				0.00	0.00	10.00
7,083.0	0.30	191.80	7,066.1	223.1	147.8	266.3	0.89	-0.73	58.82
7,177.0	0.50	157.40	7,160.1	222.5	147.9	265.9	0.32	0.21	-36.60
7,270.0	0.40	145.00	7,253.1	221.9	148.2	265.6	0.15	-0.11	-13.33
7.365.0	1.10	145.90	7,348.1	220.8	148.9	265.3	0.74	0.74	0.95
7,460.0	0.70	143.90	7,443.1	219.6	149.8	264.9	0.42	-0.42	-2.11
7,555.0	0.80	160.60	7,538.1	218.5	150.3	264.4	0.25	0.11	17.58
7,650.0	1.00	153.80	7,633.1	217.2	150.9	263.7	0.24	0.21	-7.16
7,744.0	0.50	162.80	7,727.0	216.0	151.4	263.1	0.54	-0.53	9.57
7,838.0	0.30	190.80	7,821.0	215.4	151.5	262.7	0.29	-0.21	29.79
7,934.0	0.60	227.50	7,917.0	214.8	151.1	262.0	0.42	0.31	38.23
8,025.0	1.00	202.80	8,008.0	213.8	150.4	260.7	0.57	0.44	-27.14
8,120.0	0.90	193.90	8,103.0	212.3	149.9	259.2	0.19	-0.11	-9.37
8,213.0	0.60	176.40	8,196.0	211.1	149.8	258.2	0.40	-0.32	-18.82
8,307.0	1.10	159.50	8,290.0	209.7	150.1	257.4	0.59	0.53	-17.98
8,400.0	1.30	170.10	8,383.0	207.9	150.6	256.3	0.32	0.22	11.40
8,493.0	1.30	122.90	8,476.0	206.2	151.7	255.7	1.12	0.00	-50.75
8,587.0	1.00	159.30	8,569.9	204.9	152.9	255.4	0.82	-0.32	38.72
8,681.0	1.50	152.70	8,663.9	203.0	153.7	254.5	0.55	0.53	-7.02
8,775.0	1.20	136.00	8,757.9	201.2	155.0	253.9	0.52	-0.32	-17.77
8,870.0	1.00	147.60	8,852.9	199.8	156.1	253.5	0.31	-0.21	12.21
8,965.0	0.90	172.10	8,947.9	198.4	156.6	252.7	0.44	-0.11	25.79
9,058.0	1.80	154.80	9,040.8	196.3	157.4	251.6	1.05	0.97	-18.60
9,153.0	1.90	155.60	9,135.8	193.6	158.7	250.3	0.11	0.11	0.84
9,312.0	1.50	160.60	9,294.7	189.2	160.4	248.0	0.27	-0.25	3.14
9,367.0	1.50	160.60	9,349.7	187.8	160.9	247.3	0.00	0.00	0.00





Company: Project:

**EOG Resources** 

Uintah County Utah

Site: Well:

Chapita Well Unit 1541- 1546-26D

Wellbore:

CWU #1541-26D Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

North Reference:

True

**Survey Calculation Method:** 

Minimum Curvature

Database:

Targets							**************************************		
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL #1541 - actual wellpath - Point	0.00 misses target	0.00 center by 1	-,	198.5 67.0ft MD (9	159.7 349.7 TVD,	618,911.59 187.8 N, 160.9 E	2,588,598.87 )	40° 0′ 48.931 N	109° 23' 53.977 W
Price River #1541 - actual wellpath i - Circle (radius 50		0.00 center by 2	6,985.0 28.1ft at 700	198.5 02.2ft MD (69	159.7 985.3 TVD, 2	618,911.59 223.8 N, 147.5 E	2,588,598.87 )	40° 0' 48.931 N	109° 23' 53.977 W
Wasatch #1541 - actual wellpath ı - Point	0.00 misses target	0.00 center by 3	4,653.0 37.5ft at 467	198.5 70.0ft MD (4	159.7 653.3 TVD, 2	618,911.59 228.4 N, 137.0 E	2,588,598.87 )	40° 0' 48.931 N	109° 23' 53.977 W

Design Annotations  Measured  Depth  (ft)	Vertical Depth (ft)	Local Coord +N/-S (ft)	linates +E/-W (ft)	Comment
2,184.0 9.367.0	2,170.3 9.349.7	185.1 187.8		Tie into Surface Hole surveys Projection to TD

101 15		<u> </u>
Checked By:	Approved By:	Date:
Torrodited by.	Approved by:	Date.



## **EOG Resources**

Uintah County Utah Chapita Well Unit 1541- 1546-26D CWU #1541-26D Wellbore #1

Design: Wellbore #1

**Survey Report - Geographic** 

30 April, 2012





MD Reference:



Company:

**EOG Resources** 

Project: Site:

Uintah County Utah

Well:

Chapita Well Unit 1541- 1546-26D

Wellbore: Design:

CWU #1541-26D Wellbore #1 Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

North Reference:

**Survey Calculation Method:** 

Database:

True Minimum Curvature

EDM 2003.16 Single User Db

Project

**Uintah County Utah** 

Map System:

US State Plane 1927 (Exact solution)

Geo Datum:

NAD 1927 (NADCON CONUS)

Map Zone: Utah Central 4302 System Datum:

Mean Sea Level

Site

Chapita Well Unit 1541- 1546-26D

Site Position:

Northing:

618,708.27ft

Latitude:

40° 0' 46.951 N

From:

Lat/Long

Easting:

2,588,474.21 ft

Longitude:

109° 23' 55.640 W

**Position Uncertainty:** 

0.0 ft

Slot Radius:

**Grid Convergence:** 

1.35 °

Well **Well Position**  CWU #1541-26D

+N/-S

+E/-W

0.0 ft 0.0 ft

0.0 ft

Northina:

618,709,36 ft 2.588,443.93 ft

Latitude: Longitude: 40° 0' 46.969 N

**Position Uncertainty** 

Easting: Wellhead Elevation:

**Ground Level:** 

109° 23' 56.029 W 5,015.0 ft

Wellbore

Wellbore #1

Wellbore #1

**Magnetics** 

**Model Name** 

Sample Date

Declination

Dip Angle (°)

**Field Strength** 

(nT)

IGRF2010

12/09/11

(°) 10.97

65.88

52,300

Design

Audit Notes:

Version:

1.0

Phase:

ACTUAL

Tie On Depth:

+E/-W

0.0

Vertical Section:

Depth From (TVD) (ft) 0.0

+N/-S (ft) 0.0

(ft) 0.0

Direction (°) 39.17

**Survey Program** 

Date 04/12/12

From (ft)

To (ft)

Survey (Wellbore)

**Tool Name** 

Description MWD - Standard

386.0 2.313.0

2,184.0 Surface Hole Surveys (Wellbore #1) 9,367.0 7 7/8" Hole Surveys (Wellbore #1)

MWD MWD

MWD - Standard





Company: Project:

EOG Resources Uintah County Utah

Site: Chapita Well Unit 1541- 1546-26D
Well: CWU #1541-26D

Well: CWU #1541-26
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

True

Minimum Curvature

ırvey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	618,709.36	2,588,443.93	40° 0' 46.969 N	109° 23' 56.029
386.0		50.80	385.9	3.4	4.2	618,712.87	2,588,448.02	40° 0' 47.003 N	109° 23' 55.976
416.0		50.40	415.9	4.0	4.9	618,713.52	2,588,448.78	40° 0' 47.009 N	109° 23' 55.966
446.0		50.30	445.9	4.8	5.9	618,714.32	2,588,449.70	40° 0' 47.017 N	109° 23' 55.953
476.0		49.10	475.9	5.7	6.9	618,715.25	2,588,450.74	40° 0' 47.026 N	109° 23' 55.940
506.0		43.70	505.8	6.8	8.0	618,716.32	2,588,451.81	40° 0' 47.036 N	109° 23' 55.926
536.0		46.90	535.8	7.9	9.2	618,717.47	2,588,452.92	40° 0' 47.047 N	109° 23' 55.911
566.0	3.60	33.80	565.7	9.2	10.3	618,718.83	2,588,454.00	40° 0' 47.060 N	109° 23' 55.897
596.0	4.00	30.30	595.7	10.9	11.3	618,720.54	2,588,455.02	40° 0' 47.077 N	109° 23' 55.883
626.0	4.30	30.10	625.6	12.8	12.4	618,722.44	2,588,456.06	40° 0' 47.095 N	109° 23' 55.869
656.0	5.00	32.20	655.5	14.9	13.7	618,724.55	2,588,457.27	40° 0' 47.116 N	109° 23' 55.853
686.0	5.50	34.50	685.4	17.2	15.2	618,726.88	2,588,458.73	40° 0' 47.139 N	109° 23' 55.834
716.0	5.40	33.10	715.2	19.5	16.8	618,729.28	2,588,460.26	40° 0' 47.162 N	109° 23' 55.813
746.0	6.60	38.60	745.1	22.1	18.6	618,731.85	2,588,462.05	40° 0' 47.187 N	109° 23' 55.790
776.0	6.60	38.60	774.9	24.8	20.8	618,734.60	2,588,464.13	40° 0' 47.214 N	109° 23' 55.762
806.0	7.30	39.40	804.7	27.6	23.1	618,737.47	2,588,466.35	40° 0' 47.242 N	109° 23' 55.733
836.0	7.60	39.50	834.4	30.6	25.6	618,740.53	2,588,468.75	40° 0' 47.271 N	109° 23' 55.701
866.0	8.30	39.90	864.1	33.8	28.2	618,743.79	2,588,471.33	40° 0' 47.303 N	109° 23′ 55.667
896.0	8.50	39.80	893.8	37.1	31.0	618,747.22	2,588,474.06	40° 0' 47.336 N	109° 23' 55.631
926.0	8.60	39.80	923.5	40.6	33.9	618,750.71	2,588,476.83	40° 0' 47.370 N	109° 23' 55.594
956.0	9.00	37.30	953.1	44.1	36.7	618,754.36	2,588,479.60	40° 0' 47.405 N	109° 23' 55.557
986.0	8.40	37.60	982.8	47.8	39.5	618,758.03	2,588,482.28	40° 0' 47.441 N	109° 23' 55.522
1,016.0	8.40	36.90	1,012.4	51.2	42.1	618,761.58	2,588,484.85	40° 0' 47.475 N	109° 23' 55.488
1,046.0	8.30	36.80	1,042.1	54.7	44.7	618,765.13	2,588,487.38	40° 0' 47.510 N	109° 23′ 55.454
1,076.0	7.50	38.30	1,071.8	58.0	47.3	618,768.46	2,588,489.81	40° 0' 47.542 N	109° 23' 55.422
1,106.0	6.90	37.50	1,101.6	61.0	49.6	618,771.47	2,588,492.05	40° 0' 47.572 N	109° 23′ 55.392
1,136.0	6.60	36.20	1,131.4	63.8	51.7	618,774.34	2,588,494.10	40° 0' 47.599 N	109° 23' 55.365
1,166.0	6.50	34.60	1,161.2	66.6	53.7	618,777.18	2,588,496.02	40° 0' 47.627 <b>N</b>	109° 23' 55.339
1,196.0	6.30	33.30	1,191.0	69.3	55.5	618,780.00	2,588,497.82	40° 0' 47.654 N	109° 23' 55.315
1,226.0	6.50	32.00	1,220.8	72.2	57.3	618,782.85	2,588,499.55	40° 0' 47.682 N	109° 23′ 55.292
1,256.0	6.60	32.70	1,250.6	75.1	59.2	618,785.79	2,588,501.32	40° 0' 47.711 N	109° 23' 55.269
1,286.0	6.90	32.30	1,280.4	78.0	61.1	618,788.80	2,588,503.14	40° 0' 47.740 N	109° 23′ 55.244
1,316.0	7.20	32.10	1,310.2	81.1	63.0	618,791.97	2,588,505.03	40° 0' 47.771 N	109° 23' 55.219
1,346.0	7.20	32.00	1,340.0	84.3	65.0	618,795.20	2,588,506.95	40° 0' 47.802 N	109° 23' 55.193
1,376.0	7.20	33.20	1,369.7	87.5	67.0	618,798.41	2,588,508.90	40° 0' 47.834 N	109° 23' 55.167
1,406.0	7.10	33.30	1,399.5	90.6	69.1	618,801.58	2,588,510.87	40° 0' 47.865 N	109° 23′ 55.141
1,436.0	7.10	34.00	1,429.3	93.7	71.1	618,804.72	2,588,512.86	40° 0' 47.895 N	109° 23' 55.115
1,466.0	7.40	34.10	1,459.0	96.8	73.3	618,807.90	2,588,514.90	40° 0' 47.926 N	109° 23' 55.087
1,496.0	7.50	33.40	1,488.8	100.1	75.4	618,811.19	2,588,516.99	40° 0' 47.958 N	109° 23' 55.060
1,526.0	7.40	32.00	1,518.5	103.4	77.5	618,814.51	2,588,519.01	40° 0' 47.990 N	109° 23' 55.033
1,556.0	6.90	30.80	1,548.3	106.5	79.5	618,817.74	2,588,520.88	40° 0' 48.022 N	109° 23′ 55.008
1,586.0	6.60	30.10	1,578.1	109.6	81.3	618,820.82	2,588,522.60	40° 0' 48.052 N	109° 23′ 54.985
1,616.0	6.70	29.80	1,607.9	112.6	83.0	618,823.87	2,588,524.26	40° 0' 48.082 N	109° 23′ 54.962
1,646.0	6.60	28.80	1,637.7	115.6	84.7	618,826.94	2,588,525.89	40° 0' 48.112 N	109° 23' 54.941
1,676.0		28.50	1,667.5	118.7	86.4	618,830.09	2,588,527.52	40° 0' 48.143 N	109° 23' 54.919
1,706.0		27.30	1,697.2	122.0	88.1	618,833.43	2,588,529.19	40° 0' 48.175 N	109° 23' 54.896
1,736.0	7.50	26.80	1,727.0	125.5	89.9	618,836.92	2,588,530.86	40° 0' 48.209 N	109° 23' 54.874
1,766.0	7.60	26.10	1,756.7	129.0	91.7	618,840.49	2,588,532.53	40° 0' 48.244 <b>N</b>	109° 23' 54.851
1,796.0	7.80	25.10	1,786.4	132.6	93.4	618,844.15	2,588,534.18	40° 0' 48.280 N	109° 23' 54.829
1,826.0	7.90	24.80	1,816.2	136.3	95.1	618,847.91	2,588,535.82	40° 0' 48.317 N	109° 23' 54.807
1,856.0	8.00	24.20	1,845.9	140.1	96.8	618,851.72	2,588,537.46	40° 0' 48.354 N	109° 23' 54.784
1,886.0	8.30	23.40	1,875.6	144.0	98.6	618,855.65	2,588,539.08	40° 0' 48.392 N	109° 23' 54.762
1,916.0	8.10	23.20	1,905.3	147.9	100.3	618,859.62	2,588,540.68	40° 0′ 48.431 N	109° 23' 54.741
1,946.0	8.30	23.30	1,935.0	151.9	101.9	618,863.59	2,588,542.28	40° 0' 48.470 N	109° 23' 54.719
1,976.0		22.70	1,964.6	155.9	103.7	618,867.66	2,588,543.89	40° 0' 48.510 N	109° 23' 54.697





Company: Project:

**EOG Resources** 

Uintah County Utah

Site: Well: Wellbore: Design:

Chapita Well Unit 1541- 1546-26D

CWU #1541-26D Wellbore #1 Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

True

Minimum Curvature

rvey			war serahan	\$15 FE 15 FE 4.	talida silektri kilon (d.)				
Measured			Vertical			Мар	Мар	artina en la libraria.	
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
	SA PER PROPERTY AND A				PATRICIA SINGRAFIAN				
2,006.0		22.80	1,994.3	160.0	105.4	618,871.82	2,588,545.52	40° 0' 48.551 N	109° 23' 54.67
2,036.0		22.40	2,024.0	164.2	107.1	618,876.04	2,588,547.17	40° 0' 48.592 N	109° 23' 54.65
2,066.0		21.40	2,053.6	168.5	108.8	618,880.34	2,588,548.78	40° 0' 48.634 N	109° 23' 54.63
2,096.0		21.10	2,083.3	172.7	110.5	618,884.61	2,588,550.32	40° 0' 48.676 N	109° 23' 54.60
2,126.0		20.20	2,112.9	176.9	112.1	618,888.87	2,588,551.81	40° 0' 48.718 N	109° 23' 54.58
2,156.0		19.20	2,142.6	181.1	113.6	618,893.12	2,588,553.23	40° 0' 48.759 N	109° 23′ 54.56
2,184.0	8.70	18.20	2,170.3	185.1	114.9	618,897.12	2,588,554.47	40° 0' 48.799 N	109° 23′ 54.55
Tie into	Surface Ho	le surveys							
2,313.0	7.90	14.90	2,297.9	202.9	120.3	618,915.08	2,588,559.38	40° 0' 48.975 N	109° 23' 54.48
2,344.0	7.50	14.50	2,328.6	207.0	121.3	618,919.12	2,588,560.34	40° 0' 49.015 N	109° 23' 54.47
2,376.0	6.50	17.00	2,360.4	210.7	122.4	618,922.90	2,588,561.30	40° 0' 49.052 N	109° 23' 54.45
2,406.0		24.40	2,390.2	213.8	123.5	618,926.02	2,588,562.40	40° 0' 49.082 N	109° 23' 54.44
2,438.0		29.80	2,422.0	216.9	125.1	618,929.13	2,588,563.90	40° 0' 49.113 N	109° 23' 54.42
2,469.0		36.10	2,452.8	219.6	126.9	618,931.89	2,588,565.59	40° 0' 49.139 N	109° 23' 54.39
2,499.0		39.50	2,482.7	221.8	128.6	618,934.14	2,588,567.24	40° 0' 49.161 N	109° 23' 54.37
2,530.0		40.30	2,513.6	223.8	130.2	618,936.15	2,588,568.84	40° 0' 49.181 N	109° 23' 54.35
2,561.0		35.80	2,544.5	225.5	131.6	618,937.94	2,588,570.19	40° 0' 49.198 N	109° 23' 54.33
2,592.0		28.70	2,575.5	227.1	132.6	618,939.56	2,588,571.17	40° 0' 49.214 N	109° 23' 54.32
2,624.0		23.90	2,607.4	228.6	133.4	618,941.07	2,588,571.88	40° 0' 49.229 N	109° 23' 54.31
2,655.0		21.30	2,638.4	229.8	133.9	618,942.28	2,588,572.35	40° 0' 49.241 N	109° 23' 54.30
						618,943.22	2,588,572.70	40° 0' 49.250 N	109° 23' 54.30
2,686.0		21.50	2,669.4	230.8	134.2				
2,718.0		14.10	2,701.4	231.5	134.5	618,943.99	2,588,572.93	40° 0' 49.257 N	109° 23′ 54.30
2,748.0		22.40	2,731.4	232.1	134.7	618,944.57	2,588,573.10	40° 0' 49.263 N	109° 23' 54.29
2,779.0		15.60	2,762.4	232.6	134.8	618,945.03	2,588,573.25	40° 0' 49.268 N	109° 23′ 54.29
2,811.0		14.10	2,794.4	232.9	134.9	618,945.36	2,588,573.33	40° 0' 49.271 N	109° 23′ 54.29
2,841.0		2.20	2,824.4	233.1	134.9	618,945.59	2,588,573.35	40° 0' 49.273 N	109° 23' 54.29
2,873.0		357.60	2,856.4	233.4	134.9	618,945.90	2,588,573.34	40° 0' 49.276 N	109° 23' 54.29
2,904.0		356.30	2,887.4	233.8	134.9	618,946.28	2,588,573.31	40° 0' 49.280 N	109° 23' 54.29
2,936.0		15.70	2,919.4	234.2	134.9	618,946.66	2,588,573.34	40° 0' 49.284 N	109° 23' 54.29
2,966.0		29.30	2,949.4	234.5	135.1	618,947.02	2,588,573.49	40° 0' 49.287 N	109° 23' 54.29
2,998.0	1.20	28.10	2,981.3	235.1	135.4	618,947.54	2,588,573.75	40° 0' 49.292 N	109° 23' 54.28
3,029.0	1.20	35.00	3,012.3	235.6	135.7	618,948.10	2,588,574.08	40° 0' 49.298 N	109° 23' 54.28
3,061.0	0.90	35.20	3,044.3	236.1	136.1	618,948.59	2,588,574.41	40° 0' 49.302 N	109° 23' 54.28
3,091.0	0.90	53.00	3,074.3	236.4	136.4	618,948.93	2,588,574.72	40° 0' 49.306 N	109° 23' 54.27
3,155.0	0.70	50.70	3,138.3	237.0	137.1	618,949.50	2,588,575.41	40° 0' 49.311 N	109° 23' 54.26
3,248.0		14.70	3,231.3	238.0	137.7	618,950.58	2,588,576.01	40° 0' 49.322 N	109° 23' 54.25
3,341.0		51.30	3,324.3	238.8	138.0	618,951.34	2,588,576.24	40° 0' 49.329 N	109° 23' 54.25
3,436.0		201.50	3,419.3	238.6	137.9	618,951.16	2,588,576.22	40° 0' 49.327 N	109° 23' 54.25
3,531.0		242.20	3,514.3	238.3	137.7	618,950.85	2,588,575.99	40° 0' 49.324 N	109° 23' 54.25
3,624.0		210.00	3,607.3	237.6	137.2	618,950.13	2,588,575.50	40° 0' 49.317 N	109° 23' 54.26
3,719.0		165.40	3,702.3	236.4	137.0	618,948.91	2,588,575.30	40° 0' 49.305 N	109° 23' 54.26
3,813.0		238.90	3,796.3	235.7	136.8	618,948.19	2,588,575.18	40° 0' 49.298 N	109° 23′ 54.27
3,903.0		202.20	3,886.3	235.1	136.4	618,947.58	2,588,574.75	40° 0' 49.292 N	109° 23′ 54.27
3,998.0		167.80	3,981.3	234.1	136.3	618,946.63	2,588,574.69	40° 0' 49.283 N	109° 23' 54.27
				234.1			2,588,574.83	40° 0' 49.273 N	109° 23' 54.27
4,092.0		179.10	4,075.3		136.4 136.5	618,945.58		40° 0' 49.266 N	109° 23' 54.27
4,185.0		129.30	4,168.3	232.4	136.5	618,944.91	2,588,574.98	•	
4,277.0		163.20	4,260.3	232.2	136.7	618,944.73	2,588,575.13	40° 0' 49.264 N	109° 23' 54.27
4,371.0		188.20	4,354.3	231.6	136.6	618,944.09	2,588,575.09	40° 0' 49.258 N	109° 23' 54.27
4,462.0		191.90	4,445.3	230.6	136.5	618,943.07	2,588,574.93	40° 0' 49.248 N	109° 23' 54.27
4,555.0		173.10	4,538.3	229.4	136.4	618,941.86	2,588,574.95	40° 0' 49.236 N	109° 23' 54.27
4,649.0		121.90	4,632.3	228.5	136.8	618,940.97	2,588,575.34	40° 0' 49.227 N	109° 23' 54.27
4,670.1	0.47	117.19	4,653.3	228.4	137.0	618,940.89	2,588,575.48	40° 0' 49.226 N	109° 23' 54.26
Wasato	:h #1541								
4,741.0		108.10	4,724.3	228.1	137.6	618,940.64	2,588,576.15	40° 0' 49.224 N	109° 23' 54.26
4,834.0		129.30	4,817.2	227.5	138.7	618,940.08	2,588,577.21	40° 0' 49.218 N	109° 23' 54.24





Company: Project:

Site:

EOG Resources

Uintah County Utah

Chapita Well Unit 1541- 1546-26D

Well: CWU #1541-26D
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

True

Minimum Curvature

vey									
fleasured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Loneitude
		ACCOUNTS OF THE PA	STORESTERNING N						Longitude
4,929.0	0.30	135.60	4,912.2	226.9	139.3	618,939.50	2,588,577.91	40° 0' 49.212 N	109° 23' 54.23
5,024.0	0.20	100.50	5,007.2	226.7	139.7	618,939.30	2,588,578.25	40° 0' 49.210 N	109° 23' 54.23
5,117.0	0.20	120.00	5,100.2	226.6	140.0	618,939.19	2,588,578.55	40° 0' 49.209 N	109° 23' 54.23
5,211.0	0.20	184.90	5,194.2	226.4	140.1	618,938.95	2,588,578.69	40° 0' 49.206 N	109° 23′ 54.22
5,303.0	0.20	174.80	5,286.2	226.0	140.1	618,938.63	2,588,578.69	40° 0' 49.203 N	109° 23′ 54.22
5,398.0	0.60	171.80	5,381.2	225.4	140.2	618,937.98	2,588,578.80	40° 0' 49.197 N	109° 23' 54.22
5,492.0	0.70	169.60	5,475.2	224.3	140.4	618,936.93	2,588,578.99	40° 0' 49.186 N	109° 23' 54.22
5,586.0	0.70	168.00	5,569.2	223.2	140.6	618,935.81	2,588,579.24	40° 0' 49.175 N	109° 23' 54.22
5,678.0	1.20	163.60	5,661.2	221.7	141.0	618,934.34	2,588,579.67	40° 0' 49.160 N	109° 23' 54.21
5,772.0	0.40	80.30	5,755.2	220.8	141.6	618,933.47	2,588,580.29	40° 0' 49.152 N	109° 23' 54.20
5,864.0	0.80	71.80	5,847.2	221.1	142.5	618,933.75	2,588,581.21	40° 0' 49.154 N	109° 23′ 54.19
5,957.0	1.10	5.00	5,940.2	222.2	143.2	618,934.85	2,588,581.88	40° 0' 49.165 N	109° 23' 54.18
6,051.0	1.10	3.00	6,034.2	224.0	143.3	618,936.66	2,588,581.96	40° 0' 49.183 N	109° 23' 54.18
6,145.0	1.00	359.60	6,128.2	225.7	143.4	618,938.38	2,588,581.96	40° 0' 49.200 N	109° 23′ 54.18
6,241.0	0.70	15.50	6,224.1	227.1	143.5	618,939.78	2,588,582.08	40° 0′ 49.214 <b>N</b>	109° 23' 54.18
6,335.0	0.20	15.20	6,318.1	227.8	143.7	618,940.50	2,588,582.26	40° 0' 49.221 N	109° 23′ 54.18
6,427.0	0.40	75.00	6,410.1	228.1	144.1	618,940.75	2,588,582.61	40° 0' 49.223 N	109° 23′ 54.17
6,523.0	0.20	118.10	6,506.1	228.1	144.5	618,940.76	2,588,583.08	40° 0' 49.223 N	109° 23' 54.17
6,616.0	0.60	161.90	6,599.1	227.5	144.8	618,940.23	2,588,583.38	40° 0' 49.218 N	109° 23' 54.16
6,707.0	0.80	156.10	6,690.1	226.5	145.2	618,939.21	2,588,583.81	40° 0' 49.208 N	109° 23' 54.16
6,802.0	0.50	139.60	6,785.1	225.6	145.8	618,938.30	2,588,584.37	40° 0' 49.198 N	109° 23' 54.15
6,895.0	0.60	127.70	6,878.1	225.0	146.4	618,937.71	2,588,585.04	40° 0' 49.192 N	109° 23' 54.14
6,989.0	1.00	142.20	6,972.1	224.0	147.3	618,936.78	2,588,585.95	40° 0' 49.183 N	109° 23' 54.13
7,002.2	0.89	144.27	6,985.3	223.8	147.5	618,936.61	2,588,586.08	40° 0' 49.181 N	109° 23' 54.13
Price Ri	iver #1541								
7,083.0	0.30	191.80	7,066.1	223.1	147.8	618,935.90	2,588,586.42	40° 0' 49.174 N	109° 23' 54.13
7,177.0	0.50	157.40	7,160.1	222.5	147.9	618,935.29	2,588,586.54	40° 0' 49.168 N	109° 23' 54.12
7,270.0	0.40	145.00	7,253.1	221.9	148.2	618,934.65	2,588,586.90	40° 0' 49.162 N	109° 23' 54.12
7,365.0	1.10	145.90	7,348.1	220.8	148.9	618,933.64	2,588,587.63	40° 0' 49.152 N	109° 23' 54.11
7,460.0	0.70	143.90	7,443.1	219.6	149.8	618,932.44	2,588,588.51	40° 0' 49.140 N	109° 23' 54.10
7,555.0	0.80	160.60	7,538.1	218.5	150.3	618,931.36	2,588,589.10	40° 0' 49.129 N	109° 23′ 54.09′
7,650.0	1.00	153.80	7,633.1	217.2	150.9	618,930.00	2,588,589.71	40° 0' 49.115 N	109° 23' 54.08
7,744.0	0.50	162.80	7,727.0	216.0	151.4	618,928.89	2,588,590.22	40° 0' 49.104 N	109° 23' 54.08
7,838.0	0.30	190.80	7,821.0	215.4	151.5	618,928.26	2,588,590.31	40° 0' 49.098 N	109° 23' 54.08
7,934.0	0.60	227.50	7,917.0	214.8	151.1	618,927.66	2,588,589.91	40° 0' 49.092 N	109° 23' 54.08
8,025.0	1.00	202.80	8,008.0	213.8	150.4	618,926.59	2,588,589.28	40° 0' 49.082 N	109° 23' 54.096
8,120.0	0.90	193.90	8,103.0	212.3	149.9	618,925.09	2,588,588.81	40° 0' 49.067 N	109° 23' 54.10
8,213.0	0.60	176.40	8,196.0	211.1	149.8	618,923.89	2,588,588.69	40° 0' 49.055 N	109° 23' 54.104
8,307.0	1.10	159.50	8,290.0	209.7	150.1	618,922.56	2,588,589.07	40° 0' 49.042 N	109° 23' 54.100
8,400.0	1.30	170.10	8,383.0	207.9	150.6	618,920.70	2,588,589.61	40° 0′ 49.023 N	109° 23' 54.09
8,493.0	1.30	122.90	8,476.0	206.2	151.7	618,919.11	2,588,590.72	40° 0' 49.007 N	109° 23' 54.080
8,587.0	1.00	159.30	8,569.9	204.9	152.9	618,917.80	2,588,591.93	40° 0' 48.994 N	109° 23' 54.06
8,681.0	1.50	152.70	8,663.9	203.0	153.7	618,915.96	2,588,592.83	40° 0' 48.976 N	109° 23' 54.05
8,775.0	1.20	136.00	8,757.9	201.2	155.0	618,914.18	2,588,594.12	40° 0' 48.958 N	109° 23' 54.037
8,870.0	1.00	147.60	8,852.9	199.8	156.1	618,912.80	2,588,595.29	40° 0' 48.944 N	109° 23' 54.02
8,965.0	0.90	172.10	8,947.9	198.4	156.6	618,911.37	2,588,595.87	40° 0' 48.930 N	109° 23' 54.02
9,058.0	1.80	172.10	9,040.8	196.4	150.6	618,909.34	2,588,596.64		109° 23' 54.00
		155.60		193.6	157.4	618,906.59	2,588,597.99	40° 0' 48.909 N	
9,153.0	1.90		9,135.8		160.4			40° 0' 48.882 N	109° 23' 53.990
9,312.0	1.50	160.60	9,294.7	189.2	160.4	618,902.27	2,588,599.87	40° 0' 48.839 N	109° 23' 53.967
9,367.0	1.50	160.60	9,349.7	187.8	100.9	618,900.92	2,588,600.38	40° 0' 48.825 N	109° 23' 53.961





Company: Project:

**EOG Resources** Uintah County Utah

Site:

Chapita Well Unit 1541- 1546-26D CWU #1541-26D

Well: Wellbore: Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

**Survey Calculation Method:** Database:

Well CWU #1541-26D

True #34 @ 5034.0ft (RKB Elev.) True #34 @ 5034.0ft (RKB Elev.)

True

Minimum Curvature

Targets Target Name									
- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL #1541 - actual wellpath - Point	0.00 misses target	0.00 center by	9,350.0 10.8ft at 936	198.5 67.0ft MD (93	159.7 349.7 TVD,	618,911.59 187.8 N, 160.9 E	2,588,598.87 )	40° 0' 48.931 N	109° 23' 53.977 V
Price River #1541 - actual wellpath i - Circle (radius 50		0.00 center by 2	6,985.0 28.1ft at 700	198.5 2.2ft MD (69	159.7 985.3 TVD, 2	618,911.59 223.8 N, 147.5 E	2,588,598.87 )	40° 0' 48.931 N	109° 23' 53.977 V
Wasatch #1541 - actual wellpath ı - Point	0.00 misses target	0.00 center by 3	4,653.0 37.5ft at 467	198.5 0.0ft MD (46	159.7 653.3 TVD, 2	618,911.59 228.4 N, 137.0 E	2,588,598.87 )	40° 0' 48.931 N	109° 23' 53.977 V

Design Ann	otations				an die 1960 de 1960 de Optigates Medynas, et plus Gregorianias que grapas proprietas atrastas de about comentar o como que granda aque
	Measured Depth (ft)	Vertical Depth (ft)	Local Coor +N/-S (ft)	dinates +E/-W (ft)	Comment
ner i vide delle i veri i fazionia	2,184.0 9,367.0	2,170.3 9,349.7	185.1 187.8	114.9 160.9	Tie into Surface Hole surveys Projection to TD

Checked By:	Approved Du	Data
Checked by.	Approved By:	Date: